


## **Historic, Archive Document**

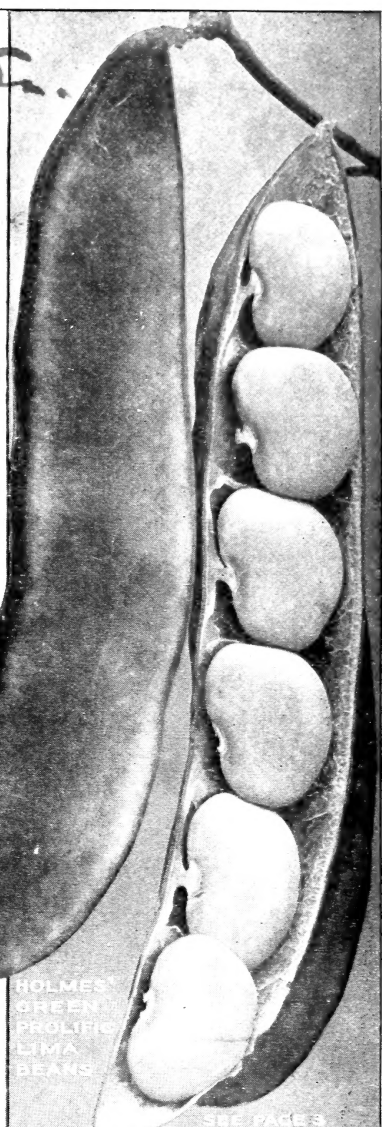
Do not assume content reflects current scientific knowledge, policies, or practices.





LONGS STORM-KING OATS  
SEE PAGE 34

6273  
Wm. H. Tracy, Jr.  
**HOLMES'**  
LIBRARY  
U.S. Department of Agriculture  
Washington, D. C.  
1911  
**Handbook of**  
**SEEDS**  
  
**HOLMES SEED**  
**COMPANY**  
**HARRISBURG**  
**PENNSYLVANIA**



HOLMES  
GREEN  
PROLIFIC  
LIMA  
BEANS

SEE PAGE 3



HOLMES HOUSE CABBAGE SEE PAGE 3

# ORNAMENTAL DEPARTMENT

If you want complete descriptions with suggestions for placing and culture, ask for special book

## Shade Trees

- BEECH, Purple.** Graceful, tall, deep purple, changing green, healthy. 3 to 4 feet, \$1; 4 to 5 feet, \$2; 5 to 6 feet, \$2.50.
- BIRCH, Cut-Leaved Weeping.** Tall, slender; silvery white bark; fine on lawn. 3 to 10 feet, \$1.50.
- CATALPA.** Has umbrella head; deep green, heart-shaped leaves overlapping. 5 feet, 1-year heads, \$1; 6 feet, 2-year heads, \$2; 7 feet specimens, 4-year heads, \$5 to \$8 each.
- DOGWOOD, Red-Flowered.** Beautiful and striking in flowers and leaves. Flowers rosy pink in May. 2 to 3 feet, \$1; 3 to 4 feet, \$1.50.
- HORSE CHESTNUT.** Fine shade trees, bearing white flowers, purple spotted. Showy. 7 feet, \$1; 9 feet, \$1.50; 11 feet, \$2.
- MAGNOLIA, Alexandrina.** Large, pink flowers. 1½ to 2 feet, \$1.25; 2 to 3 feet, \$1.50.
- Purple Japan.** Low-spreading bush; green leaves; pale purple flowers. Showy. 1 to 1½ feet, 75 cts.; 2 to 2½ feet, \$1.50.
- Showy-Flowered.** Small; light-colored flowers. 2 feet, \$1.50.
- MAPLE, Norway.** Finest shade and lawn tree. Vigorous, large, rich green. 8 to 10 feet, \$1; 10 to 12 feet, \$1.50.
- ORIENTAL PLANE, Buttonwood.** Tall, healthy; odd whitish bark; rapid grower. Fine along avenues. 8 to 10 feet, \$1; 10 to 12 feet, \$1.50; 12 to 14 feet, \$2.
- SYCAMORE, Purple-Leaved.** Leaves green on top, red beneath; vigorous. 9 feet, \$1.25; 11 feet, \$1.50.
- WILLOW, Weeping.** Common Weeping Willow; graceful, swaying. 8 to 10 feet, \$1 each.

## Evergreens

- ARBORVITAE, American.** Conical; rapid growth; popular. 2 to 3 feet, 50 cts.; 3½ feet, \$1; 5½ feet, \$2.
- George Peabody's.** A shining golden Evergreen, rapid, pyramidal grower. 20 inches, \$1.50; 42 inches, \$3.
- T. o. lutea.** Compact, upright, yellow-tipped foliage. 1 to 2 feet, \$1.50; 2 to 3 feet, \$2; 55 inches, \$4.
- Vervaeke's.** Medium size; dense green and golden-tinted foliage. 42 inches, \$2.
- Biota orientalis.** Medium size; dense green and golden-tinted foliage. 42 inches, \$2.
- CEDAR, Indian.** Vigorous, pyramidal; silvery green, most beautiful. 1 to 2 feet, \$2; 2 to 3 feet, \$3.
- FIR, Cephalonian.** Large, broad, pyramidal; leaves silvery. 2 to 2½ feet, \$2; 3 to 4 feet, \$5.
- Silver, or Colorado.** Finest R. M. evergreen; graceful, broad, blue, silvery, distinct. Rare yet. 1 to 2 feet, \$1.50; 2 to 3 feet, \$2.50; 3 to 4 feet, \$5.
- JAPAN CYPRESS (Retinospora), Pea-Fruited.** Feathery foliage; distinct and beautiful. 1 to 2 feet, 75 cts.; 2 to 3 feet, \$1.50; 3 to 4 feet, \$2.
- Plumosa aurea.** Best Golden Evergreen. Bright in spring, something every one needs. 12 to 18 inches, 75 cts.; 2 to 3 feet, \$1.50; 3 to 4 feet, \$3.50; 4 to 5 feet, \$4.50.
- Squarrosa Veitchii.** Steel-blue foliage; showy and attractive. 1 to 2 feet, \$1; 2 to 2½ feet, \$2; 3 to 4 feet, \$4; 5 to 6 feet, \$8 to \$10.
- PINE, Swiss Stone.** Hardy; handsome, bluish green pyramidal; rather small. 12 to 18 inches, \$1.50.
- Mugho.** Low-growing, broad, like large pine bush. 1 to 2 feet, \$2.50; 2 to 3 feet, \$5.
- Scotch.** Rapid grower; bluish green needles. Valuable for quick effects. 2 to 3 feet, \$1; 3 to 4 feet, \$1.50.

- SPRUCE, White.** Compact, pyramidal, silvery-gray; fine near sea. 2 to 3 feet, \$1.
- Hemlock.** Medium-size conifer; graceful. Rapid grower, handsome 12 to 18 inches, 35 cts.; 2 to 3 feet, \$1; 3 to 4 feet, \$2.
- Colorado.** Bluish green Spruce; right-angle branches. 1 foot, \$1; 2 feet, \$2; 3 feet, \$3.
- Norway.** Common Spruce; rapid grower. Good for screens, wind-breaks, hedges. 2 to 2½ feet, 50 cts.; 2½ to 3 feet, 75 cts.; 4 to 5 feet, \$2.
- Koster's Blue.** Deep rich blue, grand ornamental, dignified. 1 to 1½ feet, \$1.50; 1½ to 2 feet, \$2.50; 2 to 3 feet, \$5; 4 to 5 feet, \$10.

## Shrubs

- BERBERIS Thunbergi.** For borders, groups, hedges and close-up. Vivid-crimson leaves and berries during late autumn. 1½ to 2 feet, 25 cts.; 2 to 3 feet, 50 cts.
- DEUTZIA, Double White-Flowering.** Flowers in June; luxuriant foliage. 2 to 3 feet, 35 cts.
- Double-Flowered.** Rosy white flowers; desirable. 2 to 3 feet, 25 cts.; 3 to 4 feet, 35 cts.
- Gracilis.** Dwarf, bushy. Covered with white flowers in May. 1 to 2 feet, 35 cts.
- Golden Variegated.** Golden foliage; dwarf. 1 to 2 feet, 35 cts.
- Lemoinei.** Single white; hardy hybrid. Good for forcing. 3 to 4 feet, 35 cts. each.
- Pride of Rochester.** White, tinged pink. 3 to 4 feet, 35 cts.
- HYDRANGEA paniculata grandiflora.** New Japan. Most showy; great bunches of white flowers all summer till frost. 50 cts. each.
- LILAC, Common.** Good grower; flowers and leaves fragrant. 2 to 3 feet, 25 cts.
- Persian.** Purple, early, valuable. 3 to 4 feet, 35 cts. each, \$2.50 for 10.
- MOCK ORANGE (Philadelphus).** Hardy, handsome, white flowers; fragrant. 3 to 4 feet, 35 cts.
- MULBERRY, Teas Weeping.** Graceful, hardy, drooping and weeping. Umbrella-shaped head. Vigorous, healthy. 1-year heads, \$1; 2-year heads, \$2; large specimens, \$3 to \$5.
- PAGODA TREE, Japan.** Medium-size shrub, light-colored foliage, cream-colored flowers.
- ROSE OF SHARON (Althaea).** Fine assortment. 3 to 4 feet, 25 cts.
- SNOWBALL, Japanese.** Very desirable. Has leaves first in spring, last in fall. Olive-green and copper color. Large white flowers. 2 to 3 feet, 50 cts.
- SPIREA, Anthony Waterer.** Healthy, dwarf, dense. Peculiar crimson flowers in summer. 2 to 3 feet, 25 cts.
- Callosa alba.** Very dwarf growth. White flowers. 35 cts.
- Bridal Wreath (Spiraea prunifolia).** White flowers in bunches. May. 3 to 4 feet, 35 cts.
- Thunberg's.** Dwarf, rounded form, drooping; small white flowers; early. 3 to 4 feet, 35 cts.
- Van Houttei.** Most popular; flowers pure white. 3 to 4 feet, 35 cts.
- WEIGELA (Diervilla), amabilis.** Vigorous; large foliage; pink flowers in autumn. 3 to 4 feet, 35 cts.
- Candida.** Best white flowers. June and all summer. 3 to 4 feet, 35 cts.
- Rosea.** Elegant shrub with rose-colored flowers. May.
- Sieboldi variegata.** Grand shrub; dwarf habit; silvery leaves; pink flowers in July. 2 to 3 feet, 35 cts.
- We can supply a very superior grade of California, Bush, Chinese and Golden Privet. We cannot give long descriptions or suggest uses to you here. Turn to our Privet department, page 48.

## Vegetable Plants and Roots

We make a specialty of growing and supplying market-gardeners and private gardens with the very best, **strong, well-rooted, transplanted** vegetable plants in any quantity. While we grow enormous quantities of all varieties, the demand for our plants is always greater than our supply. For this reason we advise you to order as early as possible. To the doz. prices add 6 cts., if wanted by mail. The price per 100 in flats means that we will ship them by express still growing in these flats or boxes. The price per 100 out of flats means we will ship the plants by express, securely packed in moist moss, express charges to be paid by the purchaser. The price per 1,000 or 5,000 means by express, charges to be paid by purchaser.

**ASPARAGUS ROOTS.** See Asparagus, page 2.

	Doz.	100 in flats	100 out flats	1,000	5,000 per 1,000
<b>CABBAGE, Jersey Wakefield.</b>	\$0 15	\$0 75	\$0 45	\$3 50	\$3 00
Early Winnigstadt.	15	75	45	3 50	3 00
Early Flat Dutch.	15	75	45	3 50	3 00
The Holmes Cabbage.	15	75	50	3 50	3 00
Late Flat Dutch.	15	75	40	2 25	2 00
Houser (set plants 2 weeks earlier than other late varieties)	15	85	50	2 25	2 00
<b>CAULIFLOWER, Holmes' Early Snowball.</b>	25	1 25	1 00	8 00	7 50
CHIVES, per clump, 15 cts., by mail 25 cts.					
<b>CELERY, Holmes' White Plume.</b>	15	75	45	3 00	2 50
Improved Golden Self-Blanching	15	75	45	3 00	2 50
Winter Green.	15	75	45	3 00	2 50
Giant Pascal.	15	75	45	3 00	2 50
<b>EGGPLANT, Black Beauty.</b>	30	1 50	1 25	7 00	6 50
New York Improved.	30	1 50	1 25	7 00	6 50

	Doz.	100 in flats	100 out flats	1,000	5,000 per 1,000
<b>HORSE RADISH ROOTS.</b>	\$0 15	\$0 75	\$0 45	\$3 50	\$3 00
<b>LETTUCE, Big Boston (head).</b>	15	75	45	3 00	2 75
Curled Simpson.	15	75	45	3 00	2 75
Giant Crystal Head.	15	75	45	3 00	2 75
<b>PARSLEY, Double Curled.</b>	15	1 00	75	4 50	4 00
<b>PEPPER, Chinese Giant.</b>	25	1 50	1 25	7 50	6 75
Large Bell, or Bull Nose.	20	1 50	1 25	7 50	6 75
Ruby King.	20	1 50	1 25	7 50	6 75
<b>RHUBARB ROOTS, Victoria (large red).</b>	75		5 00	40 00	35 00
<b>SWEET POTATO PLANTS.</b> (Yellow, ready in May).	10		30	2 00	1 70
<b>TOMATO, New Stone.</b>	20	1 00	75	4 00	3 50
Earliana.	20	1 00	75	4 00	3 50
Matchless.	20	1 00	75	4 00	3 50
Ponderosa.	20	1 00	75	4 00	3 50
Dwarf Champion.	20	1 00	75	4 00	3 50
Golden Queen (yellow).	20	1 00	75	4 00	3 50

**SPECIAL.**—If field-grown plants are wanted, we can supply most of the above at \$2 per 1,000. Write us about it.





FILLED BY		PACKED BY	
Alice H. Jones		L	

**Use this Order Sheet. It will make everything plain, help to avoid mistakes, and save your time and ours.**

# HOLMES SEED COMPANY

SEED-GROWERS AND MERCHANTS

Date \_\_\_\_\_

**9 NORTH MARKET SQUARE, HARRISBURG, PA.**

P. O. \_\_\_\_\_

**Warehouse: 10 and 12 North Tenth Street**

Send to \_\_\_\_\_ When shall we ship? \_\_\_\_\_

How shall we ship? \_\_\_\_\_ Your Express Office \_\_\_\_\_

Freight station \_\_\_\_\_ What Express Company? \_\_\_\_\_

How is money sent? \_\_\_\_\_ Total amount \_\_\_\_\_

**We deliver all seeds to any post office or station in United States (by mail, express or freight at our option) unless otherwise stated in our advertising matter or letters.**

[illegible]

**When you are sending us an order, if you can secure an order of equal value from a friend and will send the two together, you may deduct 20% from the total cost of your seeds. This does not apply to field seeds, potatoes or onion sets, but to all else.**



# Satisfaction Guaranteed or Your Money Back

Should any seeds fail to please, we will refund the price paid or duplicate your order free

## Our Responsibility and Standing.

Holmes Seed Company is incorporated under Pennsylvania laws. We refer you to Harrisburg National Bank or Security Trust Company of Harrisburg, to Dun's and Bradstreet's Mercantile Agencies, and to any responsible business house in this city. We feel sure that when you have once bought from us, you will become our permanent customer. We give you good seeds and plants at fair prices. You get your money's worth always. If a mistake is made, it is our desire to correct it; this you may depend on.

## We Deliver Free.

The prices quoted include prepayment of postage on all seeds, plants or bulbs, etc., whether they may be sent by mail, express or freight. If you prefer to deal with your local store, ask for Holmes' tested seeds. If he does not have them, then send direct to us.

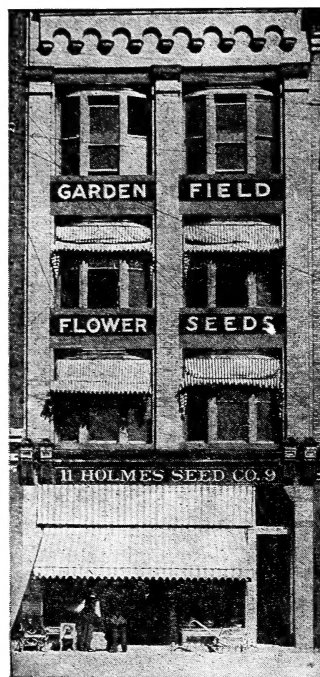
## We Guarantee Our Seeds

to be pure and of strong vitality. If from any cause they should fail to prove of such quality, we will refill the order or refund the price paid upon receipt of satisfactory evidence that such is the case. But The Holmes Seed Company do not give, nor are any of their agents or employees permitted to give, any warranty, expressed or implied, as to descriptions, quality, productiveness, or any other matter of any

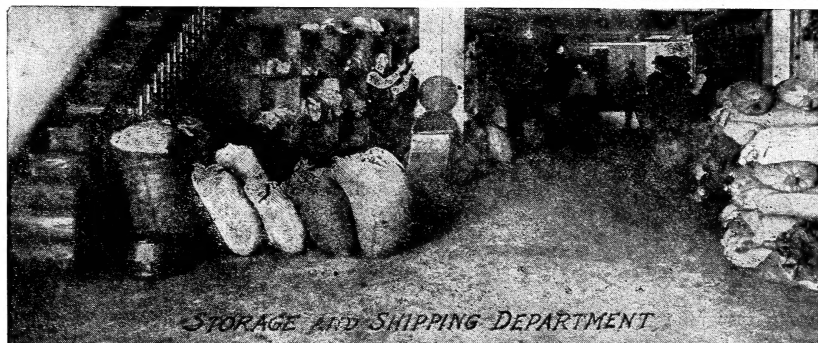
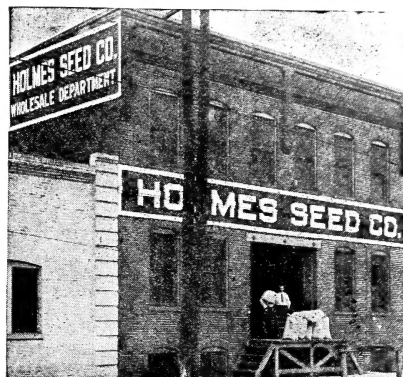
seed, bulb or plant they send out, beyond the guarantee published in this catalogue, which is very liberal, and will not be in any way responsible for the crop beyond the replacing of the seeds or returning the money paid. If the purchaser does not accept the goods on these terms they are at once to be returned. Good seeds, fair prices, honesty, "money back"—our policy.

## Discount and How to Remit.

If your order is for one dollar or more, deduct 20 per cent from the total value, at catalogue prices of seeds by the packet or ounce. This does not apply to larger quantities. We request that remittance to the amount of each order be sent with the order, and guarantee that full value will be received in good order.



Retail Store, 9 N. Market Square



## Fruit Trees and Small Fruits

**APPLES.** 2-yr., 6 to 8 ft., 50 cts. each, \$5 per doz., \$35 per 100. Write for price on other grades of any variety, listed or not.

**Baldwin.** Good quality and a money-maker. Jan. to Apr.

**Grimes Golden.** Best quality; medium size; good bearer. Jan.

**Mammoth Black Twig.** Large; red; productive; vigorous. Feb.

**Yellow Transparent.** Early; young bearer; yellow, round. Sept.

**York Imperial.** Medium size and very good. Dec. to Feb.

**CHERRIES.** 5 to 6 ft., 40 cts. each, \$4 per doz., \$30 per 100. Write.

**Black Tartarian.** Very large; black; flavor mild; vigorous. Late.

**Early Richmond.** Medium size; dark red; acid; productive. June.

**Yellow Spanish.** Large, pale yellow; firm, popular; tree vigorous.

**GRAPES, Concord.** Well-known standard.

**Green Mountain.** Very early; best quality; medium size; white.

**Moore's Early.** Bunch and berry very large; bluish bluish. Earliest.

**Niagara.** Hardy, strong grower; large, compact bunches; greenish semi-transparent berries, very sweet.

**PEACHES, Carman.** Large, pale yellow; white flesh; very early.

**Crawford's Early.** Best for market; large, productive; late Aug.

**Elberta.** Every one knows it. Large; yellow; high quality.

**Mountain Rose.** Largest early Peach, white with red cheek. Free.

**Old Mixon.** Free; large; white-red. Late August.

**Stump the World.** Very large; white-red; good. Late September.

**PEARS, Anjou.** Large, buttery, valuable; vigorous, productive. Oct.

**Bartlett.** Well known. Aug., Sept.

**Kieffer.** Needs no description; a money-maker. Oct., Nov.

**Lawrence.** Medium size; canary-yellow; good keeper; good grower.

**PLUM, Burbank.** Medium round, orange-yellow; firm, sugary. Aug.

**APRICOTS, Russian.** 2 yr., 40 cts. each, \$4 per doz.

**Alexander.** Medium, oblong, yellow, firm, coarse fruit. Late July.

**BLACKBERRIES.** All 50 cts. per doz., \$2 per 100, \$15 per 1,000, except Mercereau.

**Mercereau.** Vigorous, upright; hardy; enormous producer; extra size; black, rich, sweet. 75 cts. per doz., \$3 per 100.

**Wan.** Strong grower; hardy. Fruit firm and good shipper.

**CURRENTS.** Strong, 2-year-old, 10 cts. each, \$1 per doz., \$7 per 100.

**Fay's Prolific.** Long clusters; good.

**White Grape.** Productive; long clusters; extra large berries; good.

**GOOSEBERRIES, Chautauqua.** White, fine, large, handsome, good; vigorous and productive. 25 cts. each, \$2 per doz., \$15 per 100.

**Pearl.** Very productive; healthy; largest berries; excellent quality.

**Triumph.** 15 cts. each, \$1.50 per doz., \$10 per 100.

**Triumph.** English type; large, golden yellow; immense bearer; hardy. 2 yr. 25 cts. each, \$2 per doz., \$15 per 100.

**RASPBERRIES, Cumberland.** Largest Raspberry known. Hardy; immensely productive; fruit firm and good as it can be. Black.

50 cts. per doz., \$1.50 per 100, \$10 per 1,000.

**Golden Queen.** Yellow; large, delicious. 75c. per doz., \$3 per 100.

**STRAWBERRIES.** 25 cts. per doz., 75 cts. per 100, \$3.50 per 1,000.

**Chesapeake.** Late as Gandy. Big yielder; superior eating and shipping qualities; large and handsome; plant healthy and vigorous.

**Gandy.** Almost last to ripen. Large, firm, bright crimson and good.

**Sample.** Very popular; great bearer; large, roundish berries; dark red and good. Late. Excellent pistillate kind.

**Senator Dunlap.** Healthy and prolific; large, delicious, midseason.

## WAX BEANS

### NEW ROUND-POD KIDNEY WAX

Our customers have frequently asked for a round-podded Wax Bean possessing the excellent market and shipping qualities of the popular Wardwell's Kidney Wax, and this will fill the bill. The plant grows tall, strong and sturdy, with long, round, handsome, stringless pods of large size, very solid and full of meat, crisp, brittle and free from rust; wonderfully early and productive. No other round-podded Wax Bean possesses so many good qualities as this Bean. **Pkt. 10 cts., pt. 25 cts., qt. 45 cts., by mail, postpaid; by freight or express, qt. 30 cts., 2 qts. 55 cts., 4 qts. \$1, pk. \$1.75.**

### CURRIE'S RUST-PROOF WAX

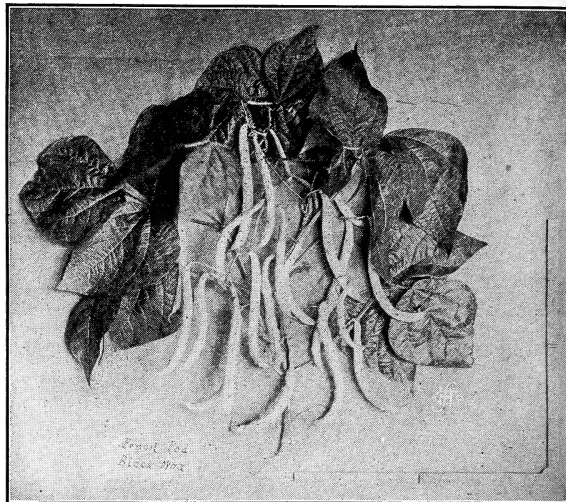
It is positively proof against rust. While grown side by side, for many years, with other Wax Beans, all of them more or less affected by rust, and many completely ruined by it, this Bean remained entirely free. It possesses the most excellent quality of being exceedingly crisp and tender, with no approach to stringiness, and of a most delicious flavor. **Pkt. 10 cts., pt. 20 cts., qt. 35 cts., postpaid; by freight or express, qt. 25 cts., pk. \$1.50.**

### IMPROVED STRINGLESS REFUGEE WAX

Strong bush growth; very productive. Slender, round, light golden-yellow pods five inches long, solid, meaty, brittle, and stringless. It is quite early. **Pkt. 10 cts., pt. 25 cts., postpaid; by express or freight, qt. 25 cts., pk. \$1.50.**

### DAVIS' WHITE WAX

Immensely productive, bearing large, handsome straight pods, six inches in length. The pods are tough, however, with decided strings. The dry white seed is desirable for winter market as a shell Bean. Flavor when baked particularly good. **Pkt. 10 cts., pt. 25 cts., postpaid; by express or freight, qt. 25 cts., 4 qts. 80 cts., pk. \$1.50.**



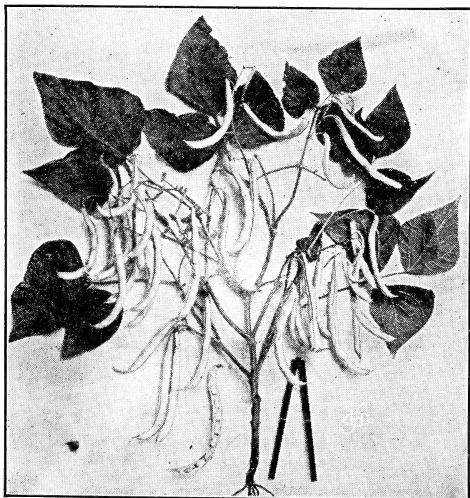
Round-Pod Kidney Wax Beans

### STRINGLESS WHITE WAX

Of sturdy, upright growth, the bushes are heavily laden with a magnificent crop of large, handsome straight wax pods. Of a bright lemon-yellow, brittle, meaty, and entirely stringless at all stages of growth. It is what the canners and truckers have been seeking for years. Combines quantity, quality and beauty in the pods, which can be used as a string-bean until large enough to shell large and pure white seed. Most desirable as shell-beans, fresh or dry. **Pkt. 10 cts., pt. 35 cts., postpaid; by express or freight, not prepaid, qt. 40 cts., 4 qts., \$1.25, pk. \$2.25.**

## POLE, or RUNNING BEANS

**CULTURE.**—Pole beans are even more sensitive to cold and wet, as well as to drought and hot winds, than the dwarf varieties, but are of superior quality and productiveness. After settled warm weather, set 4- to 8-foot poles in rows 4 feet apart and extending north and south, the poles being 3 feet apart in the row. Let the poles slant slightly toward the north. Set in this way, the vines cling better and the pods are straighter and more easily seen. The poles should be set solidly so they will not lean in the way of cultivation. Around each hill plant five to eight Beans 2 inches deep. When well started, thin to four plants



Improved Stringless Refugee Wax Beans

and see that they all climb around the pole in the same way, for they will not grow if tied up in the opposite direction. Another plan is to plant in rows thickly enough so that there will be one plant to 8 or 10 inches. Set posts five feet high firmly at each end of the rows and drive stakes made of 2 x 2 lumber at intervals of 16 feet along the rows. Stretch a wire, size number 10 or 12 between posts along each row, and fasten it to the tops of the stakes in the row with wire staples. Run a light wire or twine along the row about 6 inches from the ground and fasten to the posts and stakes with wire staples. Tie twine to the wire above and the wire or twine below, wherever there is a plant. The vines will run up these until they reach the top wire, when they will care for themselves. Another way is to omit the bottom wire and stick small stakes 2 to 6 inches in the soil and fasten to the top wire. One quart to 150 hills, 10 to 16 quarts to an acre.

### LAZY WIFE'S WHITE POLE

#### FOR CORN HILLS

The pods are produced in great abundance in large clusters and are from 4 to 5 inches in length. Dark green, rather flat but broad, quite thick, fleshy and entirely stringless, retaining their brittleness until fully developed; of unusually rich flavor. The dry Beans are pure white in color; excellent for winter use. **Pkt. 10 cts., pt. 25 cts., qt. 40 cts., by mail, postpaid; by freight or express, qt. 25 cts., pk. \$1.50.**

J. H. JACOBS, Burnham, Pa., writes: "As to the Green Prolific Lima Beans, they are not yet fully matured, but are prolific bearers—seem to be well filled and superior to some of the other varieties."

J. W. FOSTER, Daretown, N. J., writes: "The Holmes' Green Prolific Lima Bean has done fine. First planting not many came up. I then planted in boxes and transplanted them and they are first rate—best crop I ever had."

**POLE, or RUNNING BEANS, continued****OLD HOMESTEAD, or KENTUCKY WONDER****CORN HILL BEANS**

This splendid variety, introduced in 1885, has since been offered as Seek-no-Further, and again in 1891 as a novelty called Old Homestead. Vine vigorous, climbing well and very productive, bearing its pods in large clusters; blossoms white; pods green, very long, often reaching 9 or 10 inches; are nearly round when young, and very crisp, becoming very irregular and spongy as the Beans ripen. Dry Beans long, oval, dun-colored. An early and very prolific sort, with showy pods which are most excellent for snaps. It is sometimes catalogued as being the same as Southern Prolific, but this is an error, as the latter is two weeks later and has shorter pods. **Pkt. 10 cts., pt. 25 cts., qt. 40 cts., by mail, postpaid; by freight or express, qt. 25 cts., pk. \$1.50.**

**WHITE CREASEBACK POLE****KNOWN IN SOME SECTIONS AS THE "FAT HORSE" BEAN**

This is the earliest and possibly the best early green-podded pole Bean for snapshots. It is rapid in growth and very productive. Pods grow in clusters and are from 5 to 6 inches in length, perfectly round, being "saddle-backed." They are solid, fleshy, entirely stringless and of the finest quality. The dry Beans are pure white and excellent for winter use. **Pt. 25 cts., qt. 40 cts., by mail, postpaid; by freight or express, qt. 25 cts., pk. \$1.50.**

**BUSH LIMA BEANS****FORDHOOK BUSH LIMA**

A stiffly erect bush form of the popular "Potato" Lima. The introducer describes this unique Novelty as follows: Of strong, erect, true bush-like growth; the bushes average 20 to 30 inches high by 20 to 24 inches across the top.

Like Burpee's Bush Lima, the stems that produce the blossoms are thrown out from main stalks; the pods are borne in clusters of from four to eight and measure from 4 to 5½ inches long, about 1¼ inches wide, by as much as three-quarters of an inch thick. The pods contain three to five large beans, and average four.

**Fordhook Bush Lima** is fully thirty-three and one-third per cent a heavier cropper and, therefore, is bound to displace the Kumerle (Dreer's or Thorburn's) Bush Lima. In season, it is from four to six days earlier. **Pkt. 15 cts., ½pt. 25 cts., pt. 45 cts., by mail, postpaid; by freight or express, pt. 30 cts., qt. 45 cts., 2 qts. 75 cts., 4 qts. \$1.25, pk. \$2.**

MRS. N. W. CAMPBELL, Weyer's Cave, Va., writes: "I had splendid success with your Green Prolific Lima Beans—we had a very dry summer and fall, yet I picked three quarts from the sample packet sent me, and they indeed were fine; I shall plant more of them next spring and if they make as fine a showing will plant no others in the future."

**THE NEW BURPEE-IMPROVED BUSH LIMA**

Among earliest and largest of large Limas. The sturdy bushes are loaded with pods that are truly enormous in size. The Burpee-Improved is a distinct new creation. It differs from the best strains of Burpee's Bush Lima in having uniformly much larger pods, producing more Beans, while both pods and beans are considerably thicker. The stiffly erect upright bushes are more vigorous in growth, with heavier foliage. Full-grown bushes measure 30 inches in height and 24 inches across the top. **Pkt. 15 cts., ½pt. 20 cts., pt. 35 cts., by mail, postpaid; by express, pt. 25 cts., qt. 45 cts., 2 qts. 75 cts., 4 qts. \$1.25, pk. \$2.25.**

**EXTRA-EARLY LIMA, TRUCKER'S DELIGHT**

The green-shelled beans are of immense size, tender and succulent. In earliness, ease of shelling, size, beauty and quality of green beans, this variety is recognized as one of the best of all Limas for either garden or market. **Pkt. 10 cts., pt. 25 cts., qt. 40 cts., postpaid; by freight or express, pt. 20 cts., qt. 30 cts., 4 qts. \$1, pk. \$1.85.**

**CORN SALAD**

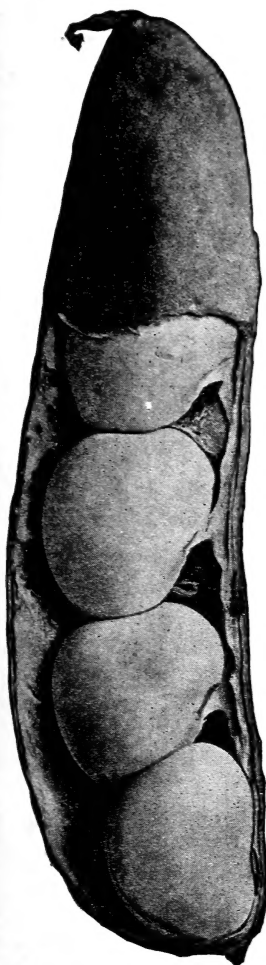
**Large-leaved Fetticus, or Lamb's Lettuce.** Hardy little plants, grown for late fall, winter and spring use; they form rosettes of tender edible leaves, which are used as a substitute for lettuce. **Pkt. 5c., oz. 10c., ¼lb. 25c., lb. 75c.**

MR. LEONARD TAYLOR, Jeffersonville, Pa., writes: "The Holmes' Green Prolific Lima Beans were all right—we had better success with them than with the home-raised."

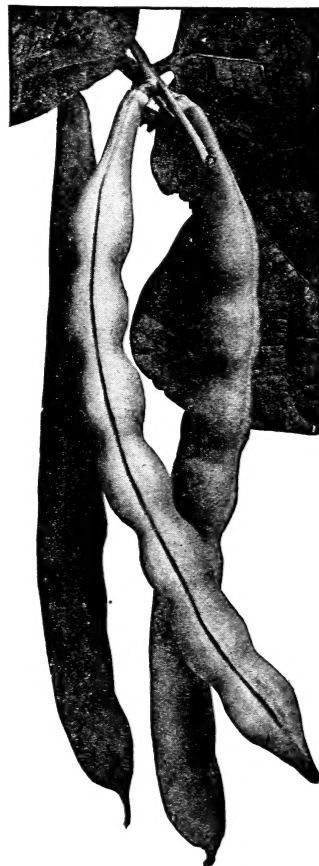
**COLLARDS**

**Georgia.** A tall, loose substitute for cabbage, grown in the South. The leaves when cooked are tender and delicate. **Pkt. 5 cts., oz. 15 cts., ¼lb. 35 cts., lb. \$1.**

CLARENCE S. PHILIPS, Danville, Pa., writes September 26, 1910: "I planted 175 hills with a quart of Green Prolific Lima Beans. Sold 135 quarts green beans at 15 to 20 cts. per quart—in all about \$21.50, and am still picking."



Fordhook Bush Lima



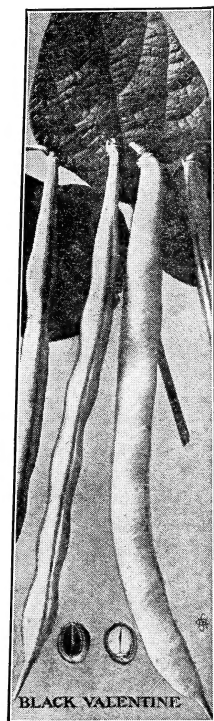
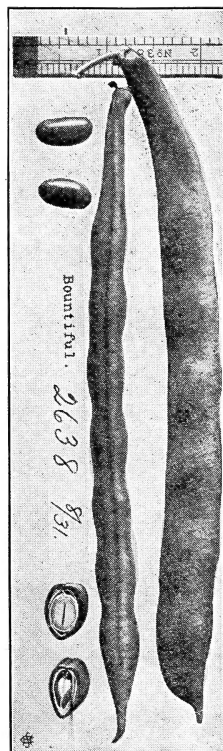
Early Golden Cluster Beans



## General List of All Beans

## LIBERAL-SIZED PACKETS OF ANY VARIETY OF BEANS 10 CENTS

One quart to 100 feet of drill, one bushel per acre in drills



## DWARF GREEN-PODDED SNAP SHORT

**Improved Round-Pod Red Speckled Valentine.** Earlier, more uniform and prolific than the old Red Valentine.

**Refugee, or 1,000-to-1.** Medium early, hardy, productive.

**Early Mohawk.** Very early and hardy; long, flat, straight pods

**Long Yellow Six Weeks.** Early, with full, flat green pods

**Round Yellow Six Weeks.** Very prolific; semi-round pods

**Best of All.** Round, long, glossy green, fleshy pods

**Early China Red Eye.** Very early old standard sort

**Dwarf Horticultural.** An excellent green-pod sort

**Low Champion Bush.** Exceedingly fine; prolific

**Large White Marrowfat.** For winter use

**Refugee Extra-Early.** Nearly two weeks earlier than 1,000-to-1. Almost certain to produce a crop even in unfavorable seasons; enormously prolific, exceptionally free from string; melting and tender

**BLACK VALENTINE.** Very prolific, and vigorous grower; very early, and a profitable market variety

**BOUNTIFUL.** A fine flat-podded Bean, and the best in its class; first in the spring and last in the fall; tender and excellent flavor

**LONGFELLOW.** Perfectly round, early and very prolific; pods solid, fleshy, averaging 6 1/4 inches

**NEW HODSON GREEN-POD.** This is an exact counterpart of the New Hodson Wax-Pod in sturdiness of growth, freedom from rust and blight and great productiveness, except that the plants are loaded with long, handsome, straight, round green pods. Strongly recommended as market sorts, owing to their very great vigor and productiveness, but there are more tender and delicate varieties for table use

**Full Measure.** Straight, round, brittle, stringless pods abundantly yielded

**Red Kidney**

**Tennessee Green-Pod.** Excellent shipper, great yielder. Will withstand hot weather, rust and blight. Great grower. Medium to late

**White Kidney.** Medium size pods, coarse, dark green, and late maturing

**White Navy.** Sure cropper; prolific of good quality. Vine large, early ripening. Pods straight, short, 6 oval white beans.

## DWARF WAX-PODDED SNAP SHORT BEANS

<b>Improved Rust-Proof Golden Wax.</b> A greatly improved strain; more prolific and superior to the old Golden Wax.....	47	25	40	25	1 50
<b>New Prolific German, or Cylinder Wax.</b> Very early and prolific; pods round, full and stringless. One of the best early Wax Beans.....	46	25	45	25	1 50
<b>Golden-Eyed Wax.</b> Early, hardy, prolific; popular market sort.....	46	30	50	25	1 50
<b>Perfection Wax.</b> Large, handsome pods, very showy.....	49	25	45	25	1 50
<b>Wardwell's Kidney Wax.</b> Very robust and hardy; one of the very best large-podded varieties.....	48	25	45	25	1 50
<b>Saddleback Wax.</b> Entirely stringless, of fine quality.....	45	25	40	25	1 50
<b>Valentine Wax.</b> A perfect Valentine Bean with a wax pod; valuable for both market-gardeners and private planters.....	46	25	40	25	1 35
<b>Holmes' Improved Silver.</b> Pods silver-white, very crisp and tender.....	57	25	40	25	1 50
<b>Pencil-Pod Black Wax.</b> Hardier and more prolific than the old German Wax. Pods long, pencil-like, tender and brittle.....	48	25	45	25	1 50
<b>New Hodson Wax-Pod.</b> A very sturdy grower; productive; free from rust and blight. When picked young they are stringless, when fully matured they have a slight string. Distinctly a market Bean on account of its great vigor.....	48	25	45	25	1 50
<b>Brittle Wax.</b> Entirely stringless; long and meaty.....	45	25	45	35	2 00
<b>Michigan White Wax.</b> White-seeded Garden Wax.....	45	30	50	40	2 75

## WAX POLE BEANS

<b>German Wax.</b> An old standard sort, with flat pods.....	77	25	45	35	1 75
<b>Early Golden Cluster Wax.</b> Early; thick flat pods; prolific.....	75	25	45	35	1 75

## GREEN-PODDED POLE BEANS

<b>Horticultural, or Wren's Egg.</b> Best for corn Beans.....	80	20	35	25	1 50
<b>Southern Prolific.</b> Continuous bearer.....	80	20	35	25	1 25
<b>White Dutch Case Knife.</b> Flat pods.....	78	20	35	25	1 50
<b>Red Speckled Cut-short, or Corn Hill.</b> Old variety; popular.....	80	20	35	25	1 40
<b>Golden Carmine-Podded Horticultural.</b> A new climbing Bean of robust growth; an early and prolific yielder of large, fleshy, stringless pods of a handsome golden color, mottled with carmine; unsurpassed both as a "snap" and shell Bean.....	76	30	50	35	2 00

## BUSH LIMA BEANS

<b>Henderson's Bush Lima.</b> A true bush variety, 18 to 20 inches high, requiring no support; enormously productive and early.....	25	40	25	1 50
<b>Burpee's Bush Lima.</b> Bushes grow 18 to 20 inches high; immense yielder, having 80 or more handsome pods on a bush. A good standard sort.....	25	40	25	1 75
<b>Dreer's Bush Lima.</b> A bush form of the pole sort of same name.....	25	40	25	1 75

## POLE LIMA BEANS

<b>King of the Garden Lima.</b> Very prolific and heavy bearer.....	25	40	25	1 75
<b>Dreer's Improved Lima.</b> A thick, almost round Bean; fine quality.....	25	40	25	1 75
<b>Large White Lima.</b> The old favorite.....	25	40	25	1 75
<b>Extra-Early Jersey Lima.</b> Much earlier than Large White Lima.....	25	40	25	1 75
<b>Small White, or Carolina Sieva.</b> A small seeding variety.....	25	40	25	1 75

# BEETS

Rübe Barbabietola  
Buraki

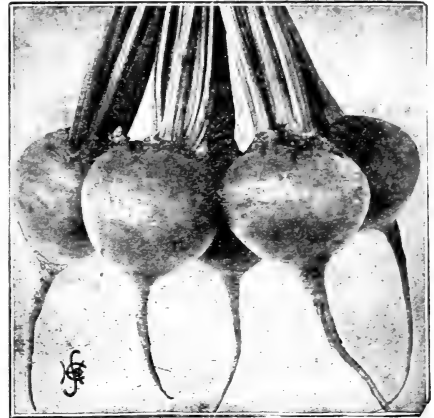
The specially new and good varieties of Beets are listed at length. Then the standard and well-known sorts, with which nearly every one is familiar, follow in a briefer general list, arranged alphabetically for quick reference. If you want to know more than is given here about any variety, write us.

**CULTURE.**—The best soil for Beets is one that is rather light and thoroughly enriched with manure. For an early supply sow in spring as soon as the ground becomes fit, in rows about 1 foot apart and 2 inches deep. For main crop sow the first week in May, and for winter use sow in June. These dates are for the latitude of Harrisburg. For the South, sow earlier; North, later. When the plants have three or four leaves, thin till they stand 5 or 6 inches apart. In October take Beets up and store in the cellar or in pits outside. One ounce will sow 50 feet of drill; five pounds to the acre in drills.

## OUR SELECTED STOCK OF BEETS ARE UNIFORM AND OF FINE QUALITY

French-grown Beet seed is far superior to that grown in America, producing Beets that are uniform in every respect. Ours is French seed.

Deduct 10 cts. per lb. from these prices if ordered by express or freight



Holmes Beets

## 4 BEST BEETS FOR MARKET-GARDENERS

### HOLMES

Extremely early, of perfect globe shape, and has extremely tender, blood-red flesh of finest quality. Our trials convince us that it is away above the average. **Pkt. 10 cts., oz. 15 cts., 1/4 lb. 35 cts., lb. \$1.25.**

"The sample of the New Beet, No. 27, was duly received and planted. It is the finest early blood Beet I have ever grown, coming in about the same time as your Harrisburg Market. It has an exceedingly short top, is of good color and fine appearance, being very smooth, while it attains good size rapidly. It readily sells on the market on its own merits. Customers pick it up and buy it without asking any questions. It has a single tap-root."

(Signed)

G. W. HOUSER, Fort Hunter, Pa.

### HOLMES' DEEP BLOOD TURNIP

Many of our market-gardening customers requested us to secure a Beet which comes early, is of deep blood color and has small tops. Here is a variety that, while not so early as the Harrisburg Market, has the color and texture desired. From trials made, it proves to be a fine deep blood Beet. **Pkt. 5 cts., oz. 10 cts., 1/4 lb. 30 cts., lb. 80 cts., by mail, postpaid; 5 lbs. by express, \$3.50.**

### HOLMES' EARLY SURPRISE

This extra-early Blood Turnip Beet has become wonderfully popular with both market-gardeners and home planters. It is a rich blood-red, with fine grain and delicious flavor. As good as the famous Harrisburg Market Beet. Valuable for market on account of earliness and size; for early or late planting. **Pkt. 5 cts., oz. 10 cts., 1/4 lb. 30 cts., lb. 80 cts. by mail, postpaid; 5 lbs. by express, \$3.50.**

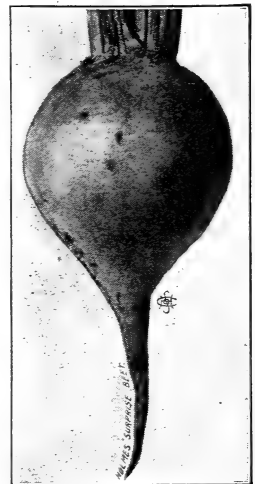
### HARRISBURG MARKET BLOOD TURNIP

The Harrisburg Market Beet is true turnip-shape, has a single tap-root, a smooth skin, rich, tender flesh free from the woodiness so often found in early varieties. It is ready to use in 45 days from time of planting and has been considered the earliest and handsomest Beet to be had. **Pkt. 5 cts., oz. 10 cts., 1/4 lb. 30 cts., lb. 80 cts., by mail, postpaid; 5 lbs. by express, \$3.50.**

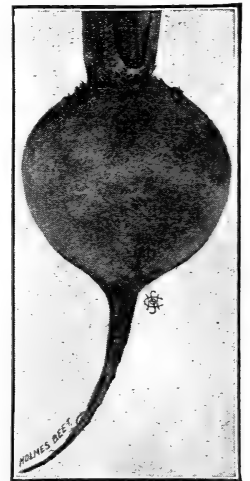
## General List of Garden Beets

DELIVERED IN THE UNITED STATES UNLESS NOTED  
One ounce to 50 feet of row, five pounds per acre

	Pkt.	Oz.	1/4 lb.	Lb.
<b>Bastian's Blood Turnip.</b> A fine second-early, following Egyptian and Eclipse ..	\$0 05	\$0 10	\$0 25	\$0 75
<b>Crimson Globe.</b> The finest table Beet grown. Early, of medium size, uniformly round; color deep crimson throughout; exceedingly tender and sweet and a good keeper ..	05	15	35	1 00
<b>Crosby's Egyptian.</b> The name of this variety is misleading, as it resembles the Egyptian only in its extreme earliness; it is larger, lighter-colored and more nearly spherical. One of the best for early planting out-of-doors. A most excellent sort, becoming fit for use sooner than any other variety, but it is not so well suited for forcing in hotbeds or for transplanting as the Egyptian ..	05	10	30	90
<b>Dark Stinson.</b> Finely bred for summer market. The Beets grow to a good size, with the smallest amount of top or foliage of any large Beet; they average 2 1/2 inches in diameter, with leaves only 5 inches in length. On account of the small foliage they can be grown closely in the row, with rows nearer together. Roots are smooth and regular in form, tapering gracefully with small tap-root. Flesh is fine-grained, free from woodiness, even when fully grown, and is dark red in color. The roots keep in good condition for a long time after attaining their full size, while the fine foliage is as richly colored as the leaves of the dark varieties used for ornamental planting ..	05	10	25	85
<b>Dewey's Improved Blood Turnip.</b> Handsome, smooth and round, tapering at the base; flesh strongly zoned, of fine quality ..	05	10	25	75

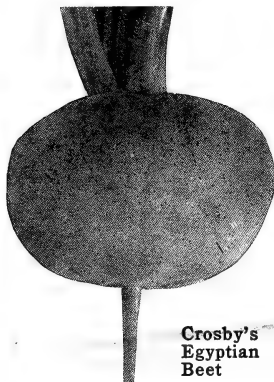


Holmes' Surprise



Holmes' Deep Blood Turnip Beet



Crosby's  
Egyptian  
Beet

## GENERAL LIST OF GARDEN BEETS, continued

	Pkt.	Oz.	¼lb.	Lb.
<b>Detroit Dark Red.</b> A fine strain of turnip-shaped Beet. Valuable for its remarkable uniformity and smoothness; size medium; flesh fine-grained, tender and remaining so for a long time. One of the best for either early or late planting ..	\$0 05	\$0 10	\$0 30	\$0 90
<b>Dirigo.</b> Deep blood-red; very hardy ..	05	10	30	90
<b>Early Blood Turnip.</b> A standard variety, following Eclipse in earliness; quality excellent; color deep blood-red; the tops make excellent greens ..	05	10	25	85
<b>Early Eclipse.</b> Tops small, dark purplish green, shading to lighter color on outside of leaves. Roots nearly globular, with a small tap-root and very small collar. Flesh dark red, zoned with a lighter shade; very sweet, crisp and tender, especially when young ..	05	10	25	75
<b>Edmand's Early Blood Turnip.</b> Tops low, small, spreading; leaf-stalks and ribs dark red; blade of leaf bright green, having markedly wavy edge; roots dark red, interior color purplish red, zoned with a lighter shade; crisp, tender and sweet. One of the best Beets for winter and an excellent keeper ..	05	10	25	75
<b>Egyptian.</b> A standard extra-early sort, being 10 to 12 days earlier than the old Blood Turnip. The roots are round and flattened, of good size and deep crimson in color; tops unusually small ..	05	10	20	70
<b>Ford's Perfected Half-Long.</b> Has many distinctive points of great value. In size the roots are remarkably uniform; the color is a very deep red. Matures a few days after the early turnip varieties ..	05	10	25	75
<b>Lentz.</b> Leaves and roots are pale in color, but of delicious quality ..	05	10	20	60
<b>Long, Smooth Blood-Red.</b> An excellent late variety, of intense dark red color ..	05	10	25	75
<b>New Columbia.</b> Skin, flesh and top are like Egyptian, but the roots are longer, larger, of much better quality and more uniform in growth. Excellent for market-gardeners ..	05	10	25	80
<b>Swiss Chard, or Spinach Beet.</b> Not grown for the roots, like other Beets, but for the large, white leaf-stalks, which are used in the same manner as asparagus. It is a delicious summer vegetable ..	05	10	25	75

Futter Rüben **MANGEL-WURZELS AND SUGAR BEETS** FOR STOCK FEEDING

**CULTURE.**—Sow in rows 2 feet apart and about 2 inches between seeds, thinning later to 12 or 15 inches. Long varieties are best suited to deep soil; round sorts succeed best in sandy soil. They make a heavy growth, and if large quantities are grown it is best to have the rows wide enough apart to use a horse in cultivation. Five or six pounds of seed will sow an acre.

By mail, postpaid. Five pounds, freight or express, \$1.25

	Oz.	Lb.
<b>Mammoth Prize Long Red.</b> Enormously productive, yielding 30 to 40 tons to the acre ..	\$0 10	\$0 35
<b>Golden Tankard.</b> Distinct; highly prized by dairymen ..	10	35
<b>Golden Giant Intermediate.</b> Excellent keeper; grows more than half above ground ..	10	35
<b>Lane's Imperial Sugar Beet.</b> American sort; productive ..	10	35
<b>Klein Wanzleben.</b> Easier grown than any other variety; 15 to 18 per cent of sugar ..	10	35
<b>Vilmorin Improved Sugar.</b> Not so large as other varieties, but has as much sugar ..	10	35

## CARROTS

Möhren Caroto  
Marchew

**CULTURE.**—A good, light, well-enriched sandy loam is the best for this crop. Market-gardeners sow in rows about 18 inches apart, and cultivate by hand. For field culture, sow in rows from 3 to 5 feet apart, so as to cultivate by horses. For early crops, cover one-half inch deep; for late, cover three-fourths of an inch. One ounce will sow 100 feet of drills; three pounds an acre.

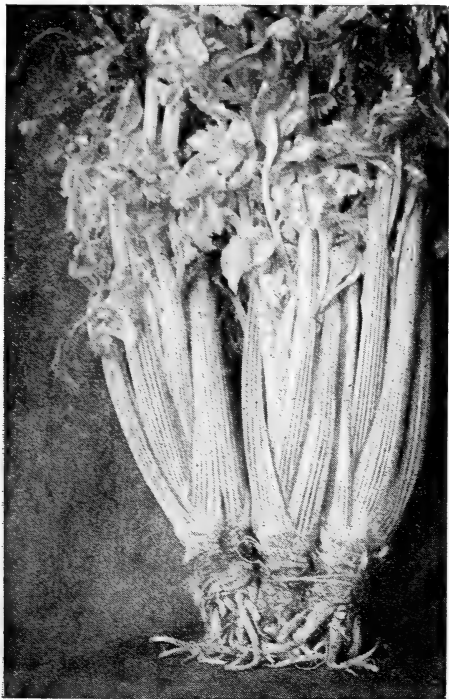
## DELIVERED IN THE UNITED STATES UNLESS NOTED

Deduct 10 cts. per lb. from these prices if ordered by express or freight at purchaser's expense

	Pkt.	Oz.	¼lb.	Lb.
<b>Early Half-Long Scarlet.</b> A distinct, slender, cylindrica variety, with few and small leaves; skin glossy and smooth; flesh red and without core; extra fine. For forcing and frame ..	\$0 05	\$0 10	\$0 30	\$0 90
<b>Chantenay Half-Long Scarlet.</b> A stump-rooted variety of handsome shape, medium early, very productive and of fine quality ..	05	10	30	90
<b>St. Valery.</b> Very choice. It is called "the Pointed-rooted Danvers." ..	05	10	30	90
<b>Rubicon.</b> Popular standard-early. Will respond wonderfully to good soil ..	05	10	30	90
<b>Danvers Half-Long.</b> A handsome, smooth, cylindrical stump-rooted variety of rich, dark orange color; flesh of close texture, good quality with but little core ..	10	15	30	90
<b>Early French Forcing.</b> The earliest, and largely grown for forcing. Small, almost globular; roots orange-red in color ..	05	15	35	1 00
<b>Early Scarlet Horn.</b> A popular early variety, 3 to 4 inches long and blunt-rooted; it is a favorite for bunching for market and is sometimes forced. A fine table Carrot, and when pulled young is excellent for soup ..	05	10	30	90
<b>Long Red Altringham.</b> A shapely stump-rooted variety of medium size and the best for home gardens, for summer use; medium early ..	05	10	30	90
<b>Long Orange Improved.</b> An improved strain for either garden or field culture, roots averaging 12 inches in length and 3 inches in diameter; an enormous yield and a good keeper ..	05	10	30	90
<b>Orheart, or Guerande.</b> A very distinct and desirable Carrot. Smooth, handsome, very thick and blunt-rooted; about 6 inches long, rapid grower and of fine quality; color orange-red; good all-season ..	05	10	30	90
<b>White and Yellow Belgian.</b> ..	05	10	20	60



Basket of Carrots



New Celery, Snowwhite

# CELERY

Sellerie Sedano  
Sellery

**CULTURE.**—Sow the seed (which is slow to germinate) in shallow boxes, or in a finely prepared seed-bed out-of-doors, in straight rows, so that the small plants may be kept free from weeds. See to it that the seed is not covered too deep, and that the bed is kept moist, almost wet, until the seeds germinate. When about 2 inches high, thin out and transplant so they stand 3 inches apart, and when the plants are 4 inches high, cut off the tops, which will cause them to grow stocky.

The crop is usually made to succeed some earlier one, but, in order to grow good Celery, the soil must be made as rich as possible, the essentials to success being very rich soil and plenty of water. If good plants are used, they may be set out as late as the middle of August, but the best results are usually obtained from setting about the middle of June or the first of July. The most desirable time, is that which will bring plants to maturity, during cool, moist weather. In setting, prepare broad, shallow trenches about 6 inches deep and 4 to 6 feet apart, in which the plants should be set 6 inches apart, cutting off the outer leaves and pressing the soil firmly about the roots. One ounce will sow nine square yards and produce 4,000 plants.

Deduct 10 cts. per lb. from these prices if ordered by express or freight

## MAGNIFICENT

A very fine type of a late, long-keeping Celery. Our stock grown direct from the originator's seed. This Celery is an excellent market-garden variety, a good keeper of the very finest quality; very full hearted, solid, crisp, and when blanched is of a golden yellow color. Excellent keeper. We cannot recommend it too highly. **Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.25, lb. \$5.**

## NEW COLUMBIA

A very early maturing sort, unsurpassed in shape and quality, very stocky and heavy. The stalks are thick, almost round, resembling those of the Giant Pascal. The color has more of the rich yellow tint of the Golden Yellow Self-blanching, which it resembles when trimmed and bunched for the market. Its quality is certainly fine, some connoisseurs considering it superior to any other variety. **Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.75, lb. \$6.**

## NEW SNOWWHITE

A pure white, self-blanching variety, introduced in 1902 after five years of careful selection and improvement. It is without a rival in purity of color. The originator says: "In the season of 1901, I set 3,000 plants and found only one green stalk, and, in 1902, 6,000 plants, and every stalk was pure white. It does well where others fail." E. J. Hollister, the noted Celery grower, and author of our book on Celery Growing, says: "The pearly whiteness of your Snowwhite Celery denotes good constitution, and together with the size, strength and number of the stalks, makes a perfect picture." In vigor of growth, ease of blanching, size, richness of flavor, crispness and purity, it is ideal. Single stalks sometimes weigh two and one-half pounds, and two pounds each is about the average run in a whole crop. It grows solid on all kinds of soil and keeps better than many standard varieties. (See illustration.) **Pkt. 10 cts., oz. 30 cts., ¼lb. 75 cts., lb. \$2.75.**

### DELIVERED IN THE UNITED STATES UNLESS NOTED

#### EARLY SELF-BLANCHING VARIETIES

These grow quickly, blanch easily and are especially adapted for fall and early winter use.

**HOLMES' SELECTED WHITE PLUME.** The earliest variety grown, and can be blanched for the table in September. It requires no "banking-up," is easily grown by any one; stalks and inner leaves white, crisp and delicious. . . .

**Holmes' Scarlet Plume.** Practically identical with White Plume, with the added merit of the solid, stringless, ivory-white stalks being tinged with pink, rendering it most beautiful. Flavor delicious, crisp and nutty; a strong, healthy compact grower, self-blanching, early and a good keeper. . . .

**IMPROVED GOLDEN SELF-BLANCHING.** (Selected strain.) French stock. A valuable early variety, of compact, stocky habit, thick, solid and brittle. Large heart, thick stalks and inner leaves beautiful golden yellow; flavor rich. . . .

#### SECOND-EARLY, LONG-KEEPING AND WINTER VARIETIES

**Winter Queen.** The best late or winter keeper. Stouter, thicker, heavier and contains more heart than any other Celery. . . .

**GIANT PASCAL.** A desirable, green Winter Celery, long-keeping; robust, healthy, stocky; 2 feet high. Broad, thick, stringless stalks and large hearts. It blanches easily to a pearly white, when it is crisp and of fine nutty flavor. . . .

**Golden Dwarf.** A popular standard variety with a large heart and solid cylindrical stalks, blanching waxy golden yellow; crisp and fine, and a splendid keeper. . . .

**Boston Market.** Solid half-round green stalks, blanching white; crisp and tender; habit dwarf and robust. . . .

**New Rose.** A splendid variety for late use and an excellent keeper. The color is a beautiful shade of rose and, like all red Celeries, is of exceptionally fine flavor; solid, crisp and stringless. . . .

**Monarch.** Produces large stalks and magnificent bright golden-yellow hearts. . . .

**Soup Celery.** (Old seed.) Excellent for flavoring. . . .

	Pkt.	Oz.	¼lb.	Lb.
HOLMES' SELECTED WHITE PLUME	\$0 05	\$0 25	\$0 75	\$2 25
Holmes' Scarlet Plume	05	20	70	2 25
IMPROVED GOLDEN SELF-BLANCHING	10	50	1 50	5 00
Winter Queen	05	25	75	2 50
GIANT PASCAL	05	20	70	2 25
Golden Dwarf	05	25	75	2 50
Boston Market	05	20	70	2 25
New Rose	05	20	60	1 75
Monarch	10	30	1 00	3 75
Soup Celery	05	10		35

## CELERIAC (TURNIP-ROOTED CELERY)

Knoll-Sellerie Sedano-ropa Brukwiana

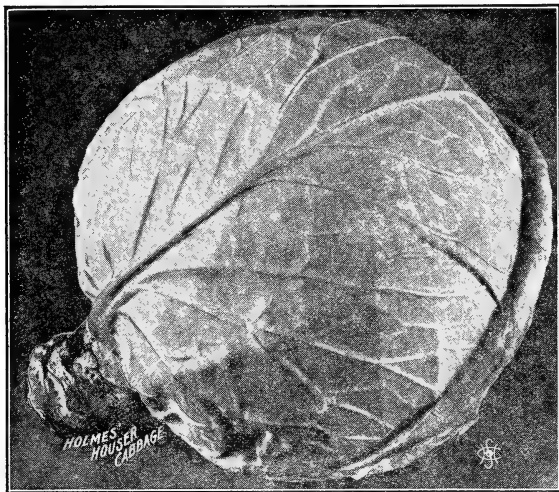
Large turnip-like roots which keep well for winter use. Fine cooked, for flavoring soup or sliced and used as a salad.

**Large, Smooth Prague.** A highly developed and larger form, almost round, uniform, smooth-skinned and free from side roots. **Pkt. 10 cts., oz. 30 cts., ¼lb. \$1.**

## CHICORY

Cichorienwurzeln Cichoria selvatica  
Cukorya

**Large-rooted, or Coffee.** The roots when dried, roasted and ground are largely used as an adulterant or substitute for coffee. The young leaves are excellent when used as a salad. Slice the roots and dry them in an apple evaporator, or it can be done in the old-fashioned home way. **Pkt. 5 cts., oz. 15 cts., ¼lb. 35 cts., lb. \$1.**



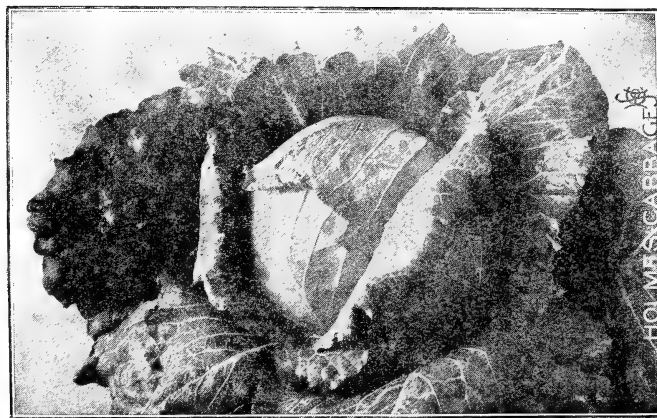
in July; the plants 2 and the rows 3 feet apart. Cabbages should be hoed every week, and the ground stirred as they advance in growth, drawing up a little earth each time until they begin to head, when they should be thoroughly cultivated and left to mature. Loosening the roots will sometimes retard the bursting of full-grown heads. Of late years many crops of early Cabbages have been destroyed by maggots at the roots. The best remedy seems to be to remove the earth from around the stem and apply kerosene emulsion. One ounce of seed will sow a bed of 40 feet and produce 2,000 plants.

### **HOLMES-HOUSER**

This famous Cabbage, named and introduced by us nine years ago, has gained steadily in popular favor. Few other varieties can approach the Holmes-Houser in smallness of heart, keeping qualities, size, productiveness, solidity, flavor and fine grain. Original stock produces heads exactly as shown here, and it is remarkable what enormous crops grow. To keep this seed pure requires a great deal of attention in selection. To be certain of pure seed, we have contracted with the originator to grow stock seed for us yearly, for which we pay him about \$50 per pound. This is sent to our very best grower on Long Island, where it undergoes the second selection. We get every grain of this seed, and if you want the pure and genuine stock buy it from us direct, or from some of our regular wholesale dealers to whom we sell the seed. It is very sweet flavored, has but few loose leaves, is good for shipping, retaining its original crispness and freshness.

**A Warning.** It is necessary to plant out the Holmes-Houser Cabbage two weeks earlier than any other late sort, as it requires this much longer to mature than the Flat Dutch types or any other late varieties.

Seed of our original selected stock, and procurable only from us or one of our wholesale dealers **Pkt. 10 cts., oz. 40 cts., 1/4 lb. \$1.35, lb. \$4.50.**



**Holmes' Early Cabbage**

# **CABBAGE**

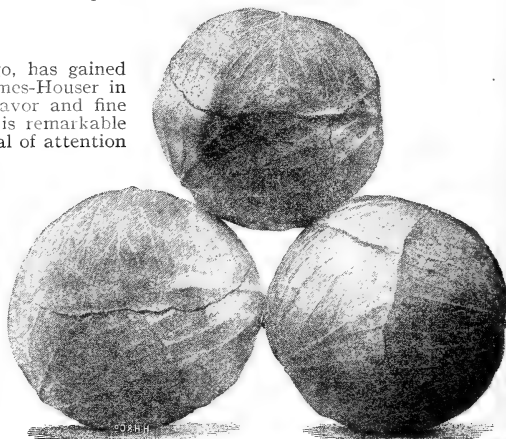
Kopfkohl  
Corvolo coppuccio  
Kopusta

## **Pure American-Grown Tested Seed**

The specially new and good varieties of Cabbage are listed at length. Then the standard and well-known sorts, which nearly everyone is familiar with, follow in a briefer general list arranged alphabetically for quick reference. If you want to know more than is given here about any variety, write us.

For years we have given the selection of Cabbage Seed particular attention. There is no other crop on which the market-gardener depends so much for profits. We have selected only such varieties as are certain to be of great value to all growers. Our seed is from stocks carefully selected and tested on Long Island.

**CULTURE.**—In sections where the temperature never falls to 20 degrees below freezing point, seed may be sown in the open in October and transplanted to rows very early in spring; but in northern states we sow in hotbeds in February, or, still better, from September 10 to 20, and winter the plants over in a coldframe. Transplant March 15 to April 15, about 20 inches apart each way, in rows 2 feet wide; this earliest crop matures in June. For second-early crop, to mature in July and August, sow seeds of early kinds early in April and plant out in May. For a late crop, to mature from September to December, sow late varieties early in May and plant out



**Danish Ballhead**

### **NEW LARGE HOLMES' EARLY**

Three years ago, as number 138, we sent out samples of this new Cabbage. Before listing, we desired to get the sentiment of practical growers and test it out in every particular as to solidity, season, growth, ability to withstand dry weather and hot sun, do well in all soils in all parts of the country. It has been all we hoped it would be; in fact, from our own tests, and from reports received, it has far exceeded expectations. This new Cabbage combines two good qualities—large size and very early season. The heads are large, globe-shaped, almost as solid as the Holmes-Houser, finely ribbed, and of a yellowish green color. The plants produce very few outer leaves. The great weight of the heads, for an early variety, will make it one of the most desirable sorts for the market-gardener. Shipping long distances can be done with a less percentage of freight cost, as the weight is in small bulk. Resists the blight and drought. (See illustration.) **Pkt. 10 cts., oz. 40 cts., 1/4 lb. \$1.25, lb. \$4.**

**CABBAGE, continued****DANISH BALLHEAD**

This variety has few equals for winter use. It is highly prized in Denmark and is grown there almost exclusively for winter Cabbage. The heads are round, 8 to 10 inches in diameter, and very solid, with few outer leaves. The seed we offer was grown by the originator in Denmark. Has the greatest weight in the smallest space. The quality is second to none. **Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$2.50.**

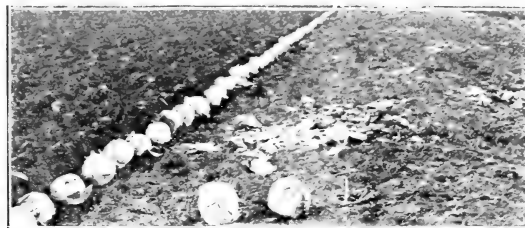
**DANISH RED STONEHEAD**

Vigorous, hardy, sure heading; large and heavy—and, as it has a neat habit, requires small space and can be planted close together. The heads are solid, well shaped and of a dark red color clear through. **Pkt. 10 cts., oz. 40 cts., ¼lb. \$1.50, lb. \$5.**

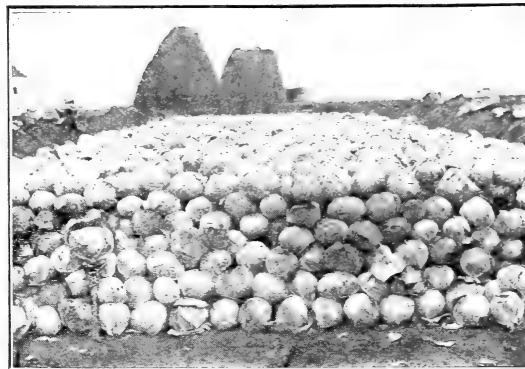
**DANISH ROUNDHEAD**

An earlier, shorter-stemmed type of the famous "Danish Ballhead." "Danish Roundhead" with less outer foliage is better able to resist blight, being, in most sections, as vigorous in growth as the best American types. The heads average larger and mature nearly two weeks earlier. The heads are unusually solid, and beautifully white when trimmed. They are splendid keepers when stored away for the late winter and spring, at which time the fine heads bring the highest market price. This, too, is a good variety to ship on account of heavy weight. Imported direct from Denmark. **Pkt. 10 cts., oz. 35 cts., ¼lb. \$1, lb. \$3.50, postpaid.**

*Dear sirs:*—I received your seeds and am well pleased with them. I planted them and believe that every seed came up.—MRS. DAVID L. HARBALD, Big Dam, Pa.



Danish Ballhead being set out for seed



Showing how we bury Danish Ballhead for seed

DELIVERED IN THE UNITED STATES, UNLESS NOTED  
One ounce produces 1,500 plants, ½lb. to be transplanted for an acre

**EXTRA-EARLY VARIETIES**

**Early Jersey Wakefield.** This famous Cabbage still retains its lead. The heads are of pyramidal shape, with blunt peaks, and are remarkably solid. The outside leaves are small, though of great substance, enabling the plants to stand severe weather. Our seed is from highly bred, selected stock and is unequaled. . . . \$0 05 \$0 20 \$0 70 \$2 25

**Early Charleston Wakefield.** This is the largest Early Cabbage, which we bred from the Early "Jersey" Wakefield, to meet a demand for a larger heading sort. It possesses all the valuable characteristics of the parent with the advantage of the heads being 50 per cent larger, though a few days later. Our strain of seed is very superior. . . . 05 25 75 2 50

**Extra-Early Express.** Earliest of French Cabbage; small, pointed head. . . . 05 15 40 1 40

**Early York.** Very early, producing small, oval-shaped heads. . . . 05 25 75 2 25

**Early Winnigstadt.** An old, popular, medium early variety, with large, pyramidal heads of excellent quality; good to succeed the extra earlies. . . . 05 15 50 1 50

**Alhead Early.** A flat head, coming in with Early Summer; much larger. . . . 05 25 75 2 20

**Early Flat Dutch.** We offer a remarkably fine strain; a sure header, the head weighing from ten to twelve pounds; most valuable for forcing or for general crop. . . . 05 20 60 1 50

**SECOND-EARLY, or SUMMER VARIETIES**

**Early Summer.** This peerless variety; it makes a large, solid, round, flat head, coming about ten days later than Wakefield. . . . 05 20 50 1 75

**Fottler's Improved Brunswick.** Heads large, flat and solid; a sure header, long-standing; short stem. . . . 05 20 50 1 75

**Succession, Henderson's.** Universally conceded to be the grandest Cabbage in existence for either summer or winter use; heads hard and uniform, ten to twelve pounds in weight; quality extra fine and a good keeper. . . . 05 20 60 2 00

**All Seasons (Vandergaw).** One of the finest; growing to a large size quickly. Will stand hot sun and dry weather. . . . 05 20 60 2 00

**Fottler's Improved Flat Brunswick.** Large, solid heads; fine for early or late. Considered by many gardeners as second to none of the second-early varieties. . . . 05 20 60 2 00

**Limited Mail.** A superb second-early variety. Produces hard, pointed heads of good size. Often sold as Lightning, Express and several other fancy names. . . . 10 25 75 2 50

**Stein Early Flat Dutch.** An excellent variety for winter use and valuable for market-gardening. . . . 05 25 75 2 40

**LATE, or WINTER VARIETIES**

**Autumn King, Henderson's.** The acknowledged "King" of all Winter Cabbages, excepting only **Holmes-Houser**, producing enormous solid heads, weighing 25 to 30 pounds; interior crisp, fine-grained, white; splendid keeper. . . . 05 25 75 2 50

**Holmes Perfection Late Flat Dutch.** Our improved highly bred strain of this old favorite Winter Cabbage will be found very superior. . . . 05 20 60 2 00

**Short-Stem Drumhead.** Selected strain; ripens early. . . . 05 20 60 2 00

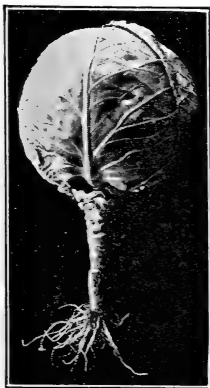
**Red Dutch.** For pickling. . . . 05 20 60 2 00

**Surehead.** Fine large solid heads with few outside leaves. . . . 05 20 60 2 00

**Safe Crop.** (Same as Houseman's Late Flat Dutch.) A good strain. . . . 05 20 50 1 75

**Flat Swedish.** This is a new late very hard-heading Cabbage from Sweden. The plant is of extra-strong growth, with large bluish green leaves, and in good soil produces heads of enormous size. It has quite short stems, and its great solidity makes it a good winter keeper. . . . 10 30 85 3 00

**Perfection Drumhead Savoy.** The largest heading Savoy; a general favorite for both home use and marketing. . . . 05 20 60 2 00



Danish Red Stonehead

If ordered by express or freight, deduct 10 cts. per pound from prices quoted

# SWEET, or SUGAR CORN

Mais Kukurudza

**CULTURE.**—Sugar Corn requires a good soil and a warm situation. Begin for first-early by planting the early varieties about May 1, and for a continuous supply all summer make plantings about two weeks apart, from May 1 until late July, first planting early varieties, then later ones. Plant in rows 3 feet apart each way.

The specially new and good varieties of Sweet Corn are listed at length. Then the standard and well-known sorts, which nearly every one is familiar with, follow in a briefer general list arranged alphabetically for quick reference. If you want to know more than is given here about any variety, write us.

## HOLMES' PREMO (Introduced by us in 1900)

One of the earliest and best Sweet Corns in existence. Named and introduced by us in 1900. The best seed can be had only from the introducers. Market-gardeners will make no mistake in planting this corn for a money crop. It is a success, not an experiment.

Up to 1910 it was the world's earliest corn, and not only this, but is also superior to nearly all in size, quality and yield. Must be planted fully as early as the Adams. The young plants stand light frosts, where the other varieties are tender, and the seed will not rot when planted before the soil becomes warm, or where long-continued rains follow planting. The stalks grow about five feet high and generally bear two uniformly sized, fine appearing, well developed and marketable ears, 7 to 9 inches long, to each stalk.

For years seedsmen over the country have been wanting a really *first-class* Sweet Corn that would come in with Adam's Extra Early. Before introducing it, we secured a small quantity of this corn, and by actual test side by side with many other varieties, it has proved earlier by a week than all its companions.

Premo is of the best quality. It is tender, sweet, deliciously flavored, and the ears are well filled to the very tip. It is so early that there is a full crop at the time of the very highest price. The stalks, which grow very strong and stiff, and about five feet high, are free from smut and will grow in any soil, as well as resist drought and bad seasons generally to a very marked extent. **Prices:** Pkt. 10 cts., pt. 25 cts., qt. 35 cts., by mail, postpaid. By freight or express, qt. 25 cts., 4 qts. 85 cts., pk. \$1.50.

## HOLMES' SWEET DELICIOUS

A most delicious new and distinct variety. In home gardens, market gardens, and fields, Holmes' Delicious will set a new pace in Sweet Corn qualities. It is early—will grow ready for market in seventy-five days from planting. It is drought proof and does not smut. The stalks grow five to 6 feet high, and each one bears two or more marketable and well developed ears, which are as large as those of Premo and have twelve rows of grains. Can be planted early before cold, wet weather is all past. Try it. It's a good one. **Prices:** Pkt. 15 cts., pt. 25 cts., qt. 45 cts., pk. \$2.50.

## HOLMES' TOP-NOTCH

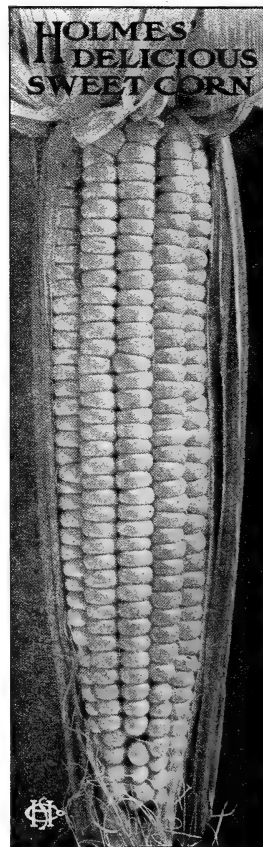
Delicious flavor. Ears from 10 to 12 inches long

For several years we have been growing this variety. The **Top-Notch** strongly favors the Early Mammoth Corn and is much longer in the ears, measuring 11 inches, although Mr. Clark had a number of dried ears that he was saving for us from seed, which measured 12 inches long. The grains are rather deep, and, as one gardener pronounces it, "the most delicious Corn, for a late variety, I ever used." It comes in about the same season as the Early Evergreen, and is the largest and best Sweet Corn grown. Any one desiring Sugar Corn producing ears of immense size, delicious flavor and earlier than the Evergreen, will do well to give the **Top-Notch** a trial. Fodder good and strong, standing up well against storms and heavy rains. It comes in at the time when Sweet Corn brings its best price. **Prices:** Pkt. 10 cts., pt. 25 cts., qt. 40 cts., by mail, postpaid. By freight or express, qt. 20 cts., pk. \$1.25.

## WHITE EVERGREEN

A high-bred, ideal type of Stowell's Evergreen with all its points of merit. The stalks are of strong, vigorous growth, 6 to 7 feet high. The ears are very large and uniformly well-filled to the tip, as shown on illustration, and of a most delicious and sweet flavor. Market-gardeners and private planters can make no mistake whatever in using this variety. When in the green state, both cob and grains are pure white. **Pkt. 10 cts., pt. 25 cts., qt. 35 cts., by mail, postpaid; by freight or express, qt. 25 cts., pk. \$1.35.**

Sweet Corn is one of our leading specialties. The sorts we offer are standard in every sense of the word and will thrive and succeed equal to any Corn grown for any soil and elevation in the United States.

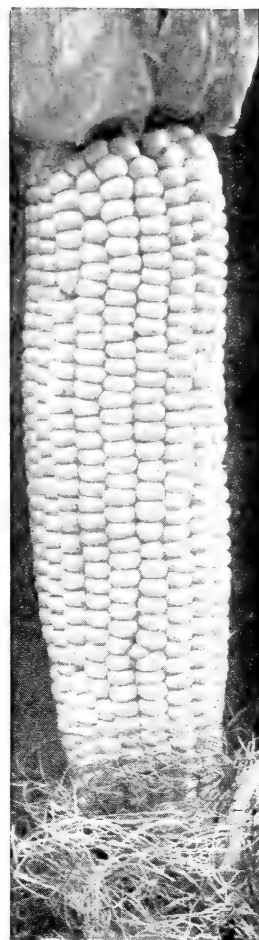




## General List of Sweet Corn

One quart for 200 hills, 8 to 10 quarts in hills for an acre

	POSTPAID			COLLECT		
	Pkt.	Pt.	Qt.	Qt.	Pk.	Bus.
<b>FIRST-EARLY VARIETIES</b>						
<b>White Cob Cory.</b> Extremely early, usually fit to use in from 50 to 60 days from sowing. Ears about 6 to 7 inches long, with milky white kernels; sweet, tender and delicious; plants dwarf. ....	\$0 10	\$0 20	\$0 35	\$0 25	\$1 25	\$4 25
<b>Early Metropolitan.</b> Only two days later than Cory. Ears 9 inches long, 10- to 12-rowed and filled to the tip with luscious white and milky kernels; free from smut. ....	10	20	35	25	1 25	4 00
<b>Early Minnesota.</b> Standard early of dwarf growth, coming in between Cory and Crosby's; ears of fair size and good quality. .	10	20	30	25	1 25	4 00
<b>Early Adams, or Burlington.</b> Robust, hardy, early and productive; never smuts; handsome ears for marketing, but of inferior quality. ....	10	20	30	20	1 00	3 50
<b>Extra-Early Dwarf Adams.</b> Not Sugar Corn; small ears. ....	10	20	30	20	1 00	3 50
<b>Kendel's Early Giant.</b> Large, handsome ears; ready in 70 days. .	10	25	35	25	1 25	4 25
<b>Golden Bantam.</b> A deep yellow, very early, tender and sweet corn, entirely different from any other. ....	10	25	40	35	1 75	6 00
<b>MEDIUM-EARLY VARIETIES</b>						
<b>Crosby's Early.</b> A second-early, popular variety; ears about 7 inches long and of fine quality. ....	10	20	30	20	1 10	4 00
<b>Perry's Hybrid.</b> A popular second-early of stocky growth, 4 to 5 feet high, with usually two ears of good size set low on the stalk; ears filled with large white kernels, sweet and tender. ....	10	20	30	20	1 00	3 50
<b>Stabler's Early.</b> Large-eared second-early, handsome and sweet; valuable for home use, marketing or canning. ....	10	20	30	20	1 10	4 00
<b>Black Mexican.</b> Medium early, bearing 8-inch ears, well filled with large kernels which, paradoxically, though black when ripe, are white when green and then exceptional'y sweet. ....	10	20	30	20	1 10	4 00
<b>New Early Evergreen.</b> Ears as large as Stowell's; 10 days earlier. .	10	25	35	25	1 25	4 00
<b>Shakers' Early.</b> Very large, white grain; early and productive. .	10	20	30	20	1 25	4 25
<b>Early Mammoth, or Asylum.</b> Much earlier than Late Mammoth. .	10	20	30	20	1 25	4 50
<b>Clark's Nonesuch.</b> Best large-eared second-early. ....	10	20	30	20	1 00	4 00
<b>LATE, or MAIN-CROP VARIETIES</b>						
<b>Country Gentleman (Shoe-Peg, or Ne Plus Ultra).</b> Ears 8 to 9 inches long, cob small and irregularly crowded with pearly white kernels of great depth; quality surpassingly sweet and tender; productive. ....	10	25	35	25	1 25	4 75
<b>Henderson Sugar.</b> An ideal mid-season Sweet Corn, uniformly large, thick ears, averaging 12 inches long, compactly filled with deep kernels, tender and milky. Seven days earlier than Evergreen. ....	10	20	30	20	1 25	4 25
<b>Mammoth.</b> Very late, producing ears 14 inches long, well filled with large broad white kernels of superb quality. ....	10	20	35	20	1 25	4 50
<b>Stowell's Evergreen.</b> The standard late, for home, market and canning; Strong-growing, bearing two very large ears to the stalk; kernels long, tender and sugary, remaining long in the milk. .	10	20	35	20	1 25	4 25
<b>Zig-Zag Evergreen.</b> Good-sized ear; deliciously sweet. ....	10	25	35	25	1 25	4 25
<b>Egyptian, or Washington Market.</b> Fine for market; ears large. .	10	20	30	20	1 25	4 00
<b>Hickox.</b> Earlier than Stowell's Evergreen; good for drying. ....	10	20	30	20	1 25	4 00
<b>Pop Corn, Field Corn and Fodder Corn.</b> See Field Seeds. .						
<b>Moore's Concord.</b> ....	10	20	35	20	1 25	4 25



Stowell's Evergreen

## CAULIFLOWER

Blumenkohl    Covofofiore  
Kalafiori

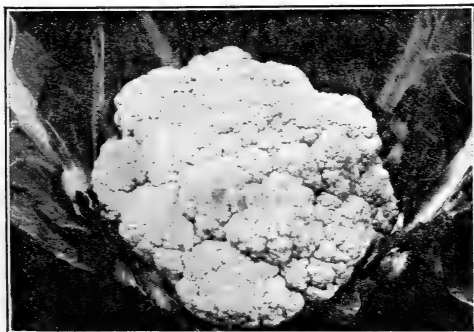
Our Cauliflower seed is produced by the most experienced growers in Europe

**CULTURE.**—For spring and early summer crop sow in March or early in April in hotbed; transplant to coldframe when sufficiently large, and to the open ground as soon as danger of hard freezing is over; after plants are set, put a little shell lime around each plant. For late crop sow at same time as for late cabbage and treat in like manner. Draw the leaves over and pin or tie them together to protect the heads after they begin to form. One ounce of seed will produce 1,000 plants and sow about 40 sq. feet.

**Deduct 10c. per lb. if ordered by express or freight at purchaser's expense**

### DANISH GIANT, or DRY WEATHER

Heads are pure white, large and solid. If given plenty of fertilizer and thorough cultivation, it will thrive in very dry localities—where others fail. This variety produces heads of superior quality. **Pkt. 20 cts., ¼oz. 90 cts., oz. \$3.50.**



Dry Weather Cauliflower

DELIVERED IN THE U. S. UNLESS NOTED	Pkt.	Oz.	¼lb.
<b>Holmes' Improved Early Snowball.</b> A grand Cauliflower for either family or market-gardens, early or late, for forcing, coldframe or open ground, always heads. ....	\$0 20	\$3 00	\$10 00
<b>Extra-Early Dwarf Erfurt.</b> Until we produced Snowball this was considered the best early variety. Plants dwarf and compact, forming good-sized heads; fine for open-ground fall crop. ....	10	1 75	6 00
<b>Veitch's Autumn Giant.</b> A large-growing late variety, succeeding well in southern climates. ....	05	60	2 00

# CUCUMBERS

Gurken Cetriolo Ogorek

**CULTURE.**—An ounce of seed will plant about 50 hills—one or 2 pounds to an acre. To grow early cucumbers, and avoid most of the striped bugs, plant the seeds about the first of May. Put them in turned-over sods or small pots which can be bedded in the soil in the frames, and use little bottom heat. Transplant to open ground in three or four weeks, without disturbing the plants, by cutting the sod or soil into chunks. The plants should be 3 or 4 feet apart each way. Try and transplant in the evening and water once and the plants will not droop. Four strong plants is enough for each hill. Pull off all cucumbers large enough to use. If they are left on and ripen, the vine will cease to bear. Use White Hellebore in water to destroy the bugs. The seeds can be planted in the hills in late May, and later.



Cumberland Cucumbers

## THE DAVIS PERFECT

Mr. Davis, the originator, describes this cucumber as follows: "As a forcing variety its excellent eating quality, shape and productiveness place it without a rival. It is a very fast grower and if planted as close as forcing kinds usually are will not do so well as if about 5 feet apart. It has proved a big moneymaker when grown outside. Hundreds of bushels of the outdoor product were shipped to Chicago and other markets the past season and sold as hothouse Cucumbers. A large-commission merchant could sell no other Cucumbers while he offered these." **Pkt. 10 cts., oz. 20 cts., 4 oz. 60 cts., lb. \$2.**

**Holmes' Selection.** Holmes' Improved White Spine (very early), Holmes' Perfected Jersey Pickle (best for pickling), Holmes' Improved Long Green (best late). One pkt. of each of the three varieties, 10 cts., 1 oz. of each 25 cts., postpaid.

## HOLMES' IMPROVED ARLINGTON WHITE SPINE

More largely grown than any other variety for both market and pickling. Comes early and is very productive; the fruit is of good size, straight and well formed, full at both ends; skin a deep green until maturity. The first fruit on the vines is unusually even in form and size. **Pkt. 5 cts., oz. 15 cts., ¼lb. 35 cts., lb. \$1.25.**

## HOLMES' PERFECT JERSEY PICKLE

After developing this strain for a number of years we now have the finest pickling strain grown. It produces more dark green pickles 2 to 5 inches long than any other we ever tested. The vines are strong, hardy, growers. The skin of the fruit is free from any toughness; allowed to grow to full size, they retain their dark green color and are excellent for slicing. **Pkt. 5 cts., oz. 15 cts., ¼lb. 35 cts., lb. \$1.25, by mail, postpaid**

### DELIVERED IN THE UNITED STATES UNLESS NOTED

	Pkt.	Oz.	¼lb.	Lb.
<b>Cool and Crisp.</b> Extra-early, exceedingly prolific and bears the whole season; fruits long, cylindrical, even-tapering at both ends; color very dark green. One of the best for slicing, good size; tender and crisp and a grand pickler. <b>\$0 05</b>	<b>\$0 05</b>	<b>\$0 15</b>	<b>\$0 35</b>	<b>\$1 25</b>
<b>Everbearing.</b> Possesses the merit of continuously flowering and fruiting on the same vine until frost. Form perfect even when small; of rich deep green color; desirable for pickling. <b>05</b>	<b>05</b>	<b>15</b>	<b>25</b>	<b>90</b>
<b>Extra-Early Green Prolific.</b> Similar to, but an improvement on Green Prolific, and 10 to 14 days earlier; ideal for pickling. <b>05</b>	<b>05</b>	<b>10</b>	<b>25</b>	<b>90</b>
<b>Early Cluster.</b> An early, prolific, prickly, short green variety. <b>05</b>	<b>05</b>	<b>10</b>	<b>25</b>	<b>90</b>
<b>Improved Long Green.</b> Dark green fruits 12 to 14 inches long; quality firm, crisp and excellent. It is the best variety for big yellow Cucumbers. <b>05</b>	<b>05</b>	<b>20</b>	<b>40</b>	<b>1 35</b>
<b>Nichol's Medium Green.</b> Of medium size; straight and smooth; very productive; for pickling unsurpassed; for early forcing or slicing none is better. <b>05</b>	<b>05</b>	<b>10</b>	<b>25</b>	<b>90</b>
<b>New Cumberland.</b> Very prolific; fine for pickling or slicing. <b>05</b>	<b>05</b>	<b>15</b>	<b>35</b>	<b>1 25</b>
<b>Livingston's Emerald.</b> Large, smooth, deep green. <b>05</b>	<b>05</b>	<b>15</b>	<b>30</b>	<b>1 25</b>
<b>Extra-Early Long Green.</b> Very early and prolific. <b>05</b>	<b>05</b>	<b>15</b>	<b>50</b>	<b>1 50</b>
<b>Early Frame, or Short Green.</b> For slicing or pickling; productive and early. <b>05</b>	<b>05</b>	<b>10</b>	<b>25</b>	<b>90</b>
<b>West India Gherkin, or Burr.</b> Small, prickly fruits; best for small pickles. <b>05</b>	<b>05</b>	<b>20</b>	<b>40</b>	<b>1 75</b>
<b>Fordhook Famous.</b> A type of the Extra Long White Spine. The perfectly smooth and very dark green fruits measure 12 to 18 inches. <b>05</b>	<b>05</b>	<b>15</b>	<b>35</b>	<b>1 35</b>
<b>New Century.</b> A variety grown around St. Louis, where it is very popular with market-gardeners. Fruits smooth and rich dark green color. <b>10</b>	<b>10</b>	<b>20</b>	<b>35</b>	<b>1 35</b>
<b>Japanese Climbing.</b> <b>10</b>	<b>10</b>	<b>30</b>		

## CRESS

Garten Kresse Ogretto  
Rzerzucha

**Water Cress.** Highly esteemed as a salad in spring and fall. Also used as a garnish for meats in winter. Seed may be started rapidly in pans or boxes of very moist earth, and the young plants transplanted to shallow water along the banks of ponds or running streams, where it will grow very rapidly. **Pkt. 5 cts., oz. 40 cts., ¼lb. \$1.25, lb. \$3.50.**

**Fine Curled (Pepper Grass).** Very quick-growing; leaves finely cut; dwarf, compact, ornamental, crisp, pungent, refreshing. **Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts., postpaid.**

## DANDELION

Lawenzohn  
Dente de leone Papawa

Leaves make a fine early-spring salad. Cultivated sorts are larger and better flavored than those growing wild.

## EGGPLANT

Eirpflanze Petronciano  
Jajokowa

**CULTURE.**—Sow the seed in the hotbed about March 1, transplant to 4 inches apart, and when the plants grow thick, transplant to 8 inches apart. Set in the field about May 20. One ounce produces about 1,000 plants.

**Black Beauty.** An extra-early valuable variety for all growers. It is very early, in fact the earliest variety that grows to a good size, suitable for market purposes. Average weight, two to three pounds. Dwarf and bears fruit close to main stem. **Pkt. 10 cts., oz. 35 cts., ¼lb. \$1.25, lb. \$4.**

**New York Improved Purple.** An improved variety of Round Purple, of deeper color, larger size and finer quality. The plant is low, branching and spineless; the fruits are very large, perfectly formed, and produce 8 to 10 on a plant. It is at least two weeks earlier than the old sort. **Pkt. 5 cts., oz. 30 cts., ¼lb. \$1, lb. \$3.50.**



**KOHLRABI** (Turnip-rooted Cabbage)

Knollkohl Cavolo ropa Kolorapa

**CULTURE.**—Set plants 8 inches apart in rows. For later use, sow seed in rows and thin out. One ounce will sow a drill of about 200 feet.

**Green, or White.** Good for table and stock feeding. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.15.

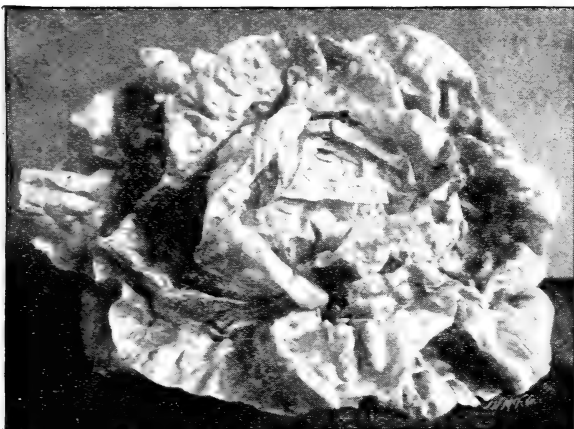
**Early White Vienna.** Flesh white. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**Early Purple Vienna.** Rich purple. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**ENDIVE**indivia Endywia  
Endiven

**CULTURE.**—For early use, sow in May, scattering the seed thinly in rows 10 inches apart, covering it lightly. For succession all summer, plant as much later each time as you wish it to bear. It will do well till midsummer. An ounce of seed will sow a row of 150 feet.

**HOLMES' WINTER GOLDEN HEART.** New. Far superior to usual varieties listed, being a very fine and exceedingly hardy sort, producing large heads of finely curled, pure golden-yellow leaves. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.25, postpaid.



Holmes' Perfect Lettuce

broad, comparatively smooth, thin and very hard leaves, which are excellent. It is quite early, producing marketable heads in seven weeks from planting. In growth it resembles a large white cabbage variety, and its enormous productiveness is shown by the fact that one head equals three to five heads of other varieties. The heads remain crisp, fresh and delicious four to five weeks, in most cases producing no seed at all, careful slitting of the heads being necessary to obtain seed. Inside they are crystal white with a yellowish heart, of fine flavor, exceedingly crisp and tender, yet firm and heavy. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.

**HOLMES' GIANT CRYSTAL HEAD**

This exceeds by far every other variety in size and productiveness. Its keeping qualities and market properties in general are excellent. It is quite early, producing marketable heads in seven weeks from planting. In growth it resembles a large white cabbage variety, and its enormous productiveness is shown by the fact that one head equals three to five heads of other varieties. The heads remain crisp, fresh and delicious four to five weeks, in most cases producing no seed at all, careful slitting of the heads being necessary to obtain seed. Inside they are crystal white with a yellowish heart, of fine flavor, exceedingly crisp and tender, yet firm and heavy. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.

**HOLMES' PERFECT**

A fine all-round lettuce. It is an exceedingly quick grower, with handsome, buttery head and can be used for both early and late sowings. Also under glass is the finest heat-resisting variety we know of outside of, probably, Holmes' Zero. The inner leaves (practically the entire head) blanch to a rich golden yellow, and have a fine rich buttery flavor. It is an excellent shipper and a good keeper. See illustration. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.50, lb. \$5.

**ENDIVE, continued**

**Green Curled.** Crisp, dark green leaves; the hardiest. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.25.

**White Curled.** Leaves pale green. Does not require blanching to prepare for use. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.25.

**Broad-Leaved Batavian.** Ranking with any in producing; forms large heads of broad, thick leaves. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.25.

**KALE, or BORECOLE**

Kale is more hardy than cabbage, and will endure considerable frost without injury. When cut frozen they should be immediately placed in cold water. They do not form heads like cabbage, but an abundance of pretty curly leaves. Cultivate like Cabbage. One ounce of seed will sow a drill about 200 feet.

**Dwarf Green Curled Scotch.** Dwarf; beautifully curled, bright green; very hardy. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. 80 cts.

**Holmes' Improved Dwarf German.** (American-grown.) Like the above except in color. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**LETTUCE**Lattich  
Koppleet  
Lattuga Salata

**CULTURE.**—For early crop, seed outdoors in September or transplant to coldframes as soon as large enough to handle, and winter like early cabbage. Sow in well-protected frames in February, and in hotbeds in March. By careful covering up at night make fine plants by April for spring planting. For home use, the simplest way is to sow thinly in rows a foot apart early in spring, and thin plants to stand a foot apart. Sown every two or three weeks from April 15 to August 15. Lettuce may be had in perfection the whole season. One ounce of seed will produce about 1,500 plants.

The specially new and good varieties of Lettuce are listed at length. Then the standard and well-known sorts, which nearly every one is familiar with, follow in a briefer general list arranged alphabetically for quick reference. If you want to know more than is given here about any variety, write us.

**HOLMES' IMPROVED BIG BOSTON**

A SELECTED STRAIN OF OUR OWN

About as near perfection as could be desired in a Lettuce. A popular variety with those gardeners who want a large-heading forcing sort, and also is more than just good for outdoor winter culture. The plants are large, very vigorous, with are bright, light green in color. Indoors this forms a solid head.



**LETTUCE, continued****HOLMES' ZERO**

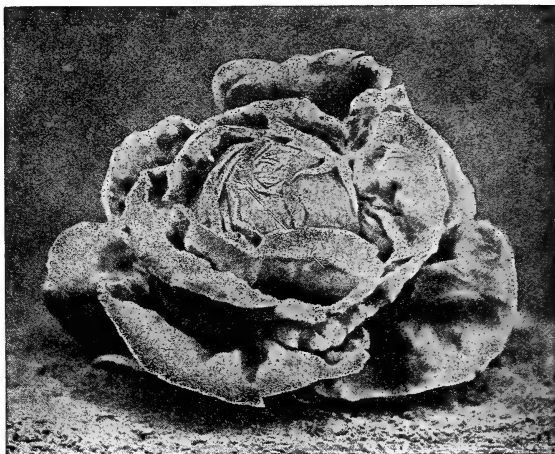
Hardy in winter weather as the winter Lettuce, Nansen, introduced a few years ago. Produces large, solid heads of a yellowish green color, being very crisp and of the most delicious flavor. Great value for market. **Pkt. 10 cts., oz. 20 cts., ¼lb. 70 cts., lb. \$2.50.**

**SALAMANDER**

Lettuces naturally thrive better during the cooler weather of spring and fall than in a torrid summer—the season when such crisp, cooling salad is most enjoyable and in greatest demand. A number of heat-resisting Lettuces have been bred. The leader, Salamander, forms good-sized, compact and tender heads, creamy white inside, rich buttery flavor; outer color light green; it remains long in head without running to seed. **Pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts., lb. \$1.50.**

**HOLMES' IMPROVED GRAND RAPIDS**

Almost Lettuce perfection, being free from the rogues found in almost every stock grown. Does not form heads but makes large, compact bunches of light golden foliage, the leaves having finely curled or fringed edges. Delicious quality and handsome appearance make it most popular in many markets. **Pkt. 10 cts., oz. 20 cts., ¼lb. 75 cts., lb. \$2.50, postpaid.**



Holmes' Zero Lettuce

**IMPROVED HANSON**

Plant large, forming a large, flat head, resembling that of cabbage, and so slow to form a seed stalk that it often fails to seed at all. Outer leaves bright green, with prominent, light-colored veins; inner leaves white and usually curved and twisted at base; very tender and sweet. A standard summer heading lettuce. **Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts., lb. \$1.25.**

**DELIVERED FREE IN THE UNITED STATES, UNLESS OTHERWISE NOTED****HEAD LETTUCES**

**Boston Market** (Private Stock). An ideal Lettuce for forcing; of fine quality, tender, sweet and crisp. We can recommend it as a selected strain saved from plants started under glass. **\$0 05**

**Mammoth Black-seeded Butter.** Similar, but larger than the above, enormous head, tender, sweet and crisp; good for all seasons, but particularly fine for late fall use. **05 15 50 1 50**

**Yellow-seeded Butter.** A distinct, large, dense yellow-headed sort, handsome, crisp, tender and of fine flavor. **05 15 35 1 00**

**Deacon.** A large, firm-heading variety, for early summer or late fall use; light green outside, creamy yellow inside; fine buttery quality. **05 15 40 1 25**

**Holmes' Rapid Forcing.** One of the best first early head Lettuces for either open ground or frame culture and a good forcer; medium-sized, solid golden yellow heads; crisp and tender. **05 25 75 2 25**

**New York, or Wonderful.** The king of all summer Lettuces; immense heads, often 15 to 18 inches across, as solid as Cabbage; blanches beautifully; crisp, tender and delicious. **05 15 40 1 25**

**Philadelphia White Cabbage.** A large-headed summer variety, good for the South. **05 15 40 1 25**

**Tennisball, Black-seeded.** A hardy, extremely early, small, hard-heading variety. A favorite for growing in frames, hot-beds and greenhouses, as well as for early open-ground culture. **05 15 40 1 25**

**Philadelphia Early Dutch Butter.** Heads very compact; for forcing. **05 15 35 1 25**

**Stonehead Golden Yellow.** Solid, medium-sized heads. **05 15 30 1 00**

**Philadelphia Dutch Speckled Butter.** Fine, large heads of excellent quality. **05 15 35 1 25**

**Thick Head Yellow.** Extra fine, large summer variety. **05 15 35 1 20**

**California Cream Butter.** Produces large, solid heads in cool weather. Planted largely very early in South in southern markets and shipped north. **05 15 40 1 25**

**New Iceberg.** Quick-growing; heads hard, handsome, tender and crisp; leaves curly, bright light green, with slight reddish tint at the edges. **05 15 30 1 00**

**Hard-Head.** Very solid, rapid grower; outer leaves tinged with brownish red. **05 15 35 1 20**

**Denver Market.** Large, solid heads; leaves crimped; good for forcing or outdoors. **05 15 35 1 25**

**CURLED, or CUTTING LETTUCE**

This type does not form compact heads, but large masses of curly, crisp leaves, which are practically everbearing, as they keep growing after picking; the best of these are:

**Early Curled Simpson.** Forms a compact mass of yellowish green curly leaves; earlier than head Lettuces; largely grown in coldframes and the open ground. **05 15 40 1 25**

**Black-seeded Simpson.** Large, loose heads; curly, yellow leaves. **05 15 40 1 25**

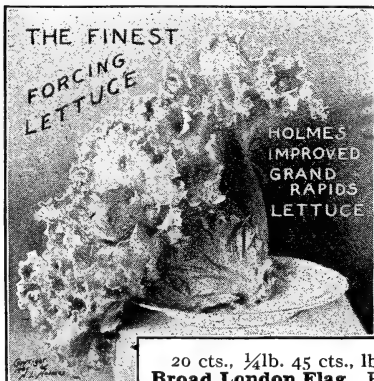
**Early Curled Silesia.** One of the best cutting varieties. **05 10 35 1 00**

**Early Prize-Head.** Large, loose heads, stained with red; curled. **05 15 35 1 25**

**Tomhannock.** An upright Lettuce; tinged brown. **05 15 35 1 25**

**The Morse.** Light green; hardy. Superior to all. **05 15 35 1 25**

**Paris White Cos.** A popular old variety. **05 15 40 1 25**



20 cts., ¼lb. 45 cts., lb. \$1.75.

**Broad London Flag.** Hardy; of good quality; the whole plant is edible. **Pkt. 5c., oz. 15c., ¼lb. 35c., lb. \$1.15.**

**LEEKS**

**CULTURE.**—Sow as early in spring as practicable, in rows a foot apart, and cover an inch deep. When 6 or 8 inches high, set 10 inches apart each way, as deep as possible. Ground can hardly be too rich. One ounce will sow 100 feet of drill.

**Monstrous Carentan, or Scotch Champion.** Grows rapidly and is very hardy. The edible stem is 6 to 8 inches long and 3 inches in diameter. **Pkt. 5 cts., oz.**

# MUSKMELONS

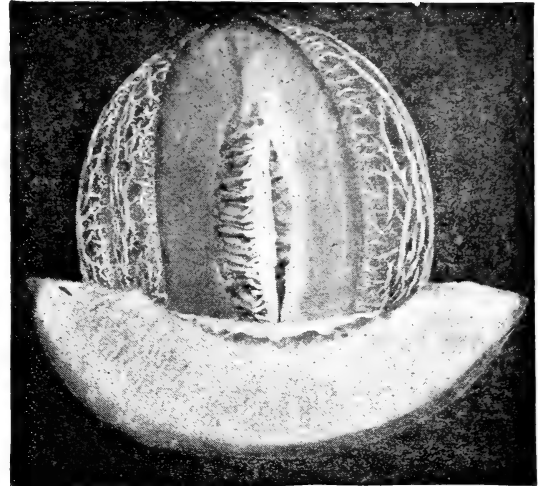
Melone Popone Melon

The specially new and good varieties of Muskmelons are listed at length. Then the standard and well-known sorts, which nearly everyone is familiar with, follow in a briefer general list arranged alphabetically for quick reference. If you want to know more than is given here about any variety, write us.

**CULTURE.**—Melons thrive best in a moderately enriched light soil; the hills should be 3 to 6 feet apart each way, according to the richness of the soil. Previous to planting, mix well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure; plant 8 or 10 seeds in each hill early in May for latitude of Harrisburg (for south earlier, for further north later), and when well up thin out to three or four plants to the hill. One ounce for 60 hills; 2 to 3 pounds for an acre.

## PAUL ROSE, or PETOSKEY

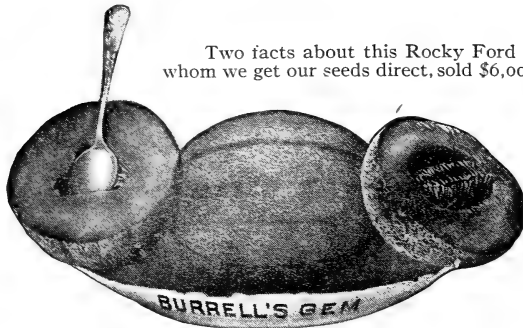
In this variety, which has gained great popularity, are combined all the good qualities of the Netted Gem and Osage, of which it is a cross. It is finely netted like the Gem, and averages about the same size; will outweigh a Netted Gem of equal size by at least a third. Flesh salmon-colored. **Pkt. 5 cts., oz. 15 cts., ¼lb. 35 cts., lb. \$1.25.**



Paul Rose Muskmelon

## BURRELL'S GEM

Two facts about this Rocky Ford Melon will indicate its great value. Mr. Burrell, the introducer, from whom we get our seeds direct, sold \$6,000 worth from 12 acres in 1909. The Fred Harvey eating-houses, dining-cars and hotels always specify them as their first choice. Their value is proved by those things. The golden colored netting is similar to that of Rocky Ford variety, making them very fine in appearance. The melon is smooth and very solid and will ship across the continent, as it is possibly the best keeper grown. The seed cavity is about the size of a teaspoon bowl, and an immense amount of the melon is pure meat. The flavor of Rocky Ford and Osage are blended in the spicy, sweet and golden flesh. An abundant crop is produced—often 20 to 30 melons from a hill, and each one weighing 2 or 2½ pounds. We get crates of melons shipped from the best growers in Colorado and elsewhere, from which to save seed. We are sure it is right. **Pkt. 10 cts., 3 pkts. 25 cts., oz. 20 cts., ¼lb. 60 cts., ½lb. \$1, lb. \$1.75.**



## NETTED GEM

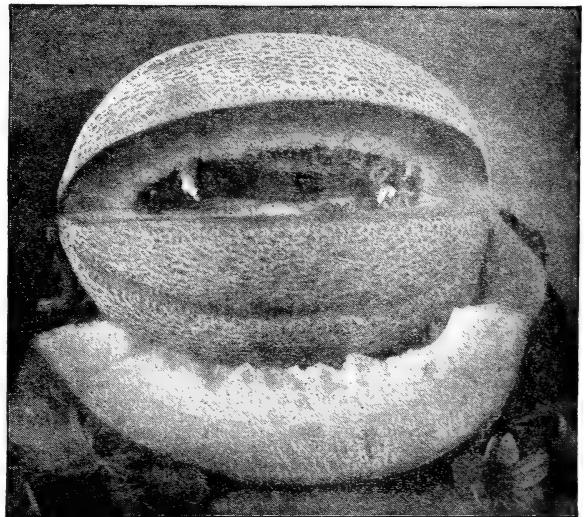
This is one of the most popular of small, or basket melons, and is shipped in large quantities from Colorado and Arizona. The fruit is oval, slightly ribbed, densely covered with fine netting and very uniform in shape and quality. †Flesh thick, green, very sweet and highly flavored. **Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. \$1.**

## EMERALD GEM

A splendid variety. Fruit a convenient small or medium-sized, globular, or slightly flattened at the ends, only slightly netted and ribbed. Skin green tinged with yellow; flesh deep salmon-yellow, thick, ripening close to the rind and exceedingly high-flavored. **Pkt. 10 cts., oz. 15 cts., ¼lb. 50 cts., lb. \$1.75.**

## ROCKY FORD

The vines are healthy and vigorous, bearing an enormous quantity of fruits during the entire season. No melon has ever sold so readily and at such high prices as the Rocky Ford. It is of a rich, greenish gold; the netting is very prominent and is light in color, which makes the outer appearance very attractive. The flesh is very crisp and tender, very deep, ripening clear to the rind, extremely sweet and luscious flavor and it has a small seed cavity. Our seed was raised especially for us by a careful grower and is the best type of the genuine Rocky Ford Muskmelon. **Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 90 cts., by mail, postpaid.**



Rocky Ford Muskmelon

Replying to your favor of the 5th inst., will say that the Green Prolific Lima Beans which I planted did remarkably well. They are a heavy cropper of fine flavor, and were the pride of my garden. I am unable to give you any dates of the time of planting, etc. Your Delicious Sweet Corn is certainly correctly named, the finest I ever tasted. I planted some about May 15 and it was ready for the table about Aug. 10, in about 100 days. I also wish to state that I have had good success with your Snowwhite Celery.—P. A. RITTER, Decatur, Ill.

General List of Muskmelons

	BY MAIL, POSTPAID			
	Pkt.	Oz.	¼lb.	Lb.
10 cts. per lb. less if sent by freight or express				
<b>GREEN-FLESHED VARIETIES</b>				
<b>Hackensack, or Turk's Cap.</b> Large, with round and flattened ends, thickly netted; productive; extra quality . . .	\$0 05	\$0 10	\$0 25	\$0 90
<b>Jenny Lind.</b> Small, round, flat-ended, deeply ribbed; flesh yellowish, flavor fine; very productive over long season.	05	10	25	90
<b>Montreal Market.</b> Large "green nutmeg" type, heavily netted; thick, luscious flesh; late and for cooler climates.	05	15	35	1 25
<b>Holmes' Improved Nutmeg.</b> Popular; skin deep green, finely netted; flesh greenish yellow, rich and sugary.	05	15	35	1 00
<b>Acme, or Baltimore.</b> Early; oblong, pointed; light-green flesh. A fine shipper.	05	10	25	85
<b>Norfolk Button.</b> (New.) Very early; thick green flesh; fine for market.	05	10	25	90
<b>Bay View.</b> Prolific; good size; oblong; green flesh; late.	05	15	30	1 00
<b>Anne Arundel.</b> Oval, heavily netted, green-fleshed, firm, solid; an excellent shipper.	05	10	25	80
<b>New Green-Fleshed Osage.</b> Superior in some respects to other green-fleshed varieties. It is very hardy and prolific, handsomely netted and colored, with firm, luscious flesh . . .	05	5	35	1 25
<b>Long Island Beauty.</b> Of Hackensack type. Very early. The luscious, green flesh is thick and sweet, netting heavy.	05	15	35	1 25
<b>Extra-Early Hackensack.</b> Ten days earlier than old Hackensack or Turk's Cap. Melons weigh 4 to 10 pounds. Early; hardy; most prolific; round; deeply ribbed, coarsely netted; green flesh of most delicious flavor.	05	15	35	1 25
<b>RED, or SALMON-FLESHED VARIETIES</b>				
<b>Defender.</b> Very best yellow flesh; medium-size; oval, slightly ribbed; gray netting; firm, fine-grained, rich flesh.	05	15	40	1 25
<b>Miller's Cream, or Osage.</b> Medium to large, oval, netted; flesh rich salmon, deep, firm, sweet and melting.	05	15	35	1 25
<b>Tip-Top Nutmeg.</b> Slightly oval; grows to good size; sweet, juicy; yellow flesh.	05	15	40	1 50
<b>Perfection, or Princess.</b> Early; round, beautifully netted. The best red-fleshed sort.	05	15	40	1 50
<b>Banana.</b> A old variety, very long. . . . . crop failed.				

WATERMELONS

Wasser Melone      Meloni d'Aqua  
Melon Wodny

CULTURE.—A rich, deep sandy loam, well worked and highly manured, is of the first importance. Plant, when all danger of frost is over, in hills 5 or 6 feet apart each way. Scatter a dozen seeds to a hill, and after they are out of danger from bugs, thin to three or four plants. When they have four or five rough leaves, pinch off the ends of the main shoots. One ounce will plant 30 hills; four to five pounds will plant an acre. Those using more than one pound of Watermelon seeds should write us for special prices.

HARRIS' EARLIEST

Cross of Kolb's Gem with Hungarian Honey, Coles Early and a Russian melon of very finest flavor. It is oval to oblong, striped with green and gray, has bright red flesh, sweet, tender and delicious; handsome appearance and fine quality. Is very productive, bearing July till frost. Weighs 20 to 30 pounds. Ships well. **Pkt. 10 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50, by mail, postpaid.**

SWEETHEART

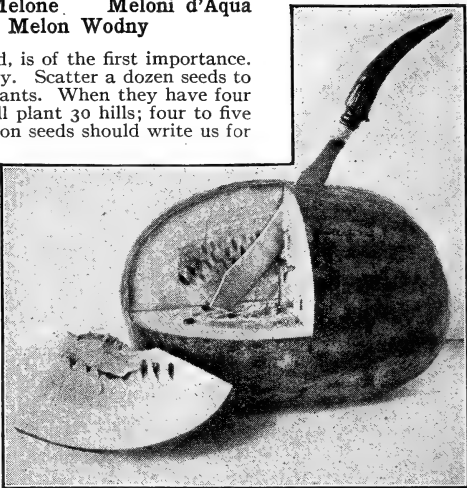
Popular as shipper. Vigorous and productive. Ripening early, fruit is large, oval, heavy, uniformly mottled light green. Rind thin but firm, flesh bright red, crisp, melting, sweet. **Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 70 cts., postpaid.**

FERRY'S ICEBERG

Similar to Kolb's Gem but darker. Where the melon rests is rich yellow. Ships as well, but flesh is much deeper colored, tender and sweet nearly to rind. **Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 80 cts.**

McIVER SUGAR

Large, fine quality, oval—averaging 20 inches long. Broad stripings of light on darker. Flesh pale pink, very crisp, no stringiness, sweet and melting. **Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 75 cts., postpaid.** By express or freight, lb. 65 cts., 5 lbs. or more at 60 cts. per lb.



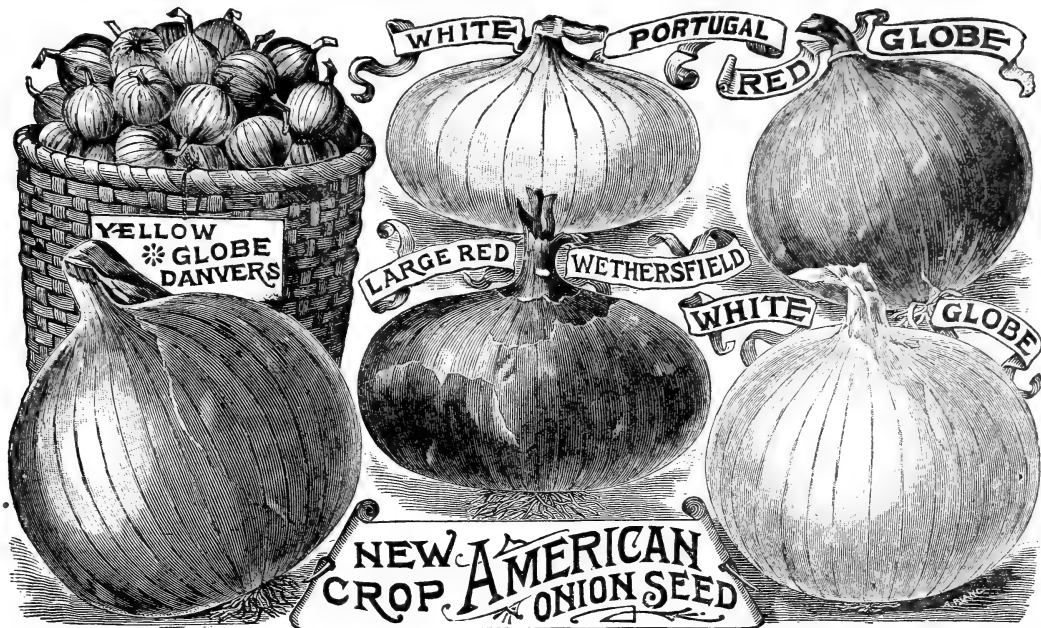
Kleckley Sweets Watermelon

KLECKLEY SWEETS

Finest melon for home growing and table use. Vines vigorous and fruit 18 to 20 inches through. Flesh bright scarlet, ripening close to rind, crisp sugary melting and entirely free from stringiness. **Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts., lb. \$1.**

	DELIVERED IN THE UNITED STATES, UNLESS NOTED			
	Pkt.	Oz.	¼lb.	Lb.
<b>Fordhook Early.</b> Very early; good size; medium green; red flesh.	\$0 05	\$0 10	\$0 25	\$0 85
<b>Mammoth Jumbo.</b> Round, large size; dark green skin; good quality.	05	10	30	95
<b>Dark Icing.</b> Early, round, solid, with thin dark green skin; of superior quality.	05	10	20	75
<b>Light Icing, or Ice Rind.</b> Round in form like the above; flesh of fine quality.	05	10	20	75
<b>Gray Monarch, or Long White Icing.</b> Very large, long; crimson flesh.	05	10	25	85
<b>Delaware.</b> Oblong; striped; rind tough; delicious red flesh.	05	10	25	85
<b>Phinney's Early Oval.</b> Mottled light green; large, oval, heavy; red flesh; fine shipper.	05	10	20	75
<b>Mammoth Ironclad.</b> Long, striped; very large, late; red flesh; good shipper.	05	10	25	85
<b>Ice-Cream, or Peerless.</b> Very early; red flesh of fine quality; white seed.	05	10	20	75
<b>Cuban Queen.</b> Early, solid, heavy; skin striped dark and light green.	05	10	20	75
<b>Dixie.</b> Large; dark green; fine shipper; solid red flesh; popular South.	05	10	20	75
<b>Mountain Sweet.</b> Old and reliable sort; flesh red; extra fine quality.	05	10	20	75
<b>Kolb's Gem.</b> Very large; flesh red; a good shipping sort; popular in the South.	05	10	20	75
<b>Florida Favorite.</b> A superior strain; large oblong, striped; luscious; red flesh.	05	10	25	85
<b>Kentucky Wonder, or Vamoose.</b> Very large; dark green; light crimson flesh of good flavor.	05	10	25	85
<b>Gypsy, or Georgia Rattlesnake.</b> Oblong, dark and striped; bright red flesh.	05	10	20	75
<b>Colorado Preserving Citron.</b> Green seed. Also called Apple Pie.	05	10	25	75





## CHOICE ONIONS

Zweibel Uein  
Cebula

**Tested and of the Strongest Vitality. The Finest Selected Strains**

We pride ourselves in supplying the very best onion seed that can be produced, and are now supplying some of the largest onion growers of the country. By sowing our seed, large onions may be produced direct.

**CULTURE.**—A crop of onions can be grown in any good soil, manuring for two years previously, if possible. With no crop is manure more essential, and it should be well rotted—to kill weed seeds for one reason. If rank fresh manure is used, it will result in many soft bulbs being produced; commercial fertilizer or a top dressing of wood ashes is also good. Clean up ground in time to complete the work before it freezes up, and spread the manure evenly, at the rate of 25 to 50 loads to the acre. This should be well mixed with the soil, and then the ground plowed a moderate depth.

Sowing the seed should be done as the ground can be got ready, and can be done best with a hand seed drill, carefully adjusted to sow the desired quantity of seed one-half inch deep. Thin seeding gives much larger onions than thick. Four or five pounds per acre is the usual quantity of seed needed to grow large onions. Just skim the ground as soon as they can be seen. Hoe again in a few days. At this weeding or the next, according to the size of plants, thin, leaving eight to twelve plants to the foot.

As soon as the tops die and fall the tops should be gathered into windrows. If the weather is fine they will need no attention while curing. Cut off the tops, when perfectly dry, about half an inch from the bulb.

If perfectly dry when gathered, and they are spread not to exceed two feet in depth, they can be kept in fine condition until spring. Any arrangement will do that will keep them dry and at a uniform temperature of about 32 degrees F., care being taken not to disturb them. They should be thawed gradually. Repeated freezing and thawing will spoil them. An ounce of seed will sow a hundred feet of row; 5 pounds will sow an acre.

The specially new and good varieties of onions are listed at length. Then the standard and well-known sorts, which nearly everyone is familiar with, follow in a briefer general list arranged alphabetically for quick reference. If you want to know more than is given here about any variety, write us.

### OHIO YELLOW GLOBE

Has uniformly fine shape, attractive color and yields largest crop of any yellow Onion. Globe-shaped with a somewhat flattened base. Bulbs are large and uniformly spherical, with very small necks, the largest diameter below the center of the bulb; of a rich orange-yellow color; mild flavor; enormous yielders and splendid keepers. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. \$1.25, postpaid.**

### SOUTHPORT RED GLOBE

Medium size, spherical, with small neck, very deep rich red color, and of superior quality. **Pkt. 5 cts., oz. 20 cts., ¼lb. 65 cts., lb. \$2.25, postpaid.**

### SOUTHPORT WHITE GLOBE

Yields abundantly, producing handsome and uniform globe-shaped bulbs. The flesh is firm, fine-grained and of mild flavor. Sometimes called Southport White Globe. **Pkt. 10 cts., oz. 25 cts., ¼lb. 65 cts., lb. \$2.25, postpaid.**

### WHITE PORTUGAL, or AMERICAN SILVER-SKIN

A medium-sized Onion of mild flavor; it is a good keeper and fine for fall and early winter use. **Pkt. 10 cts., oz. 20 cts., ¼lb. 60 cts., lb. \$2.00, postpaid.**

### LARGE RED WETHERSFIELD

Large Red Wethersfield is a grand red variety producing enormous crops. With the exception of the Yellow Globe Danvers, there is no variety so largely grown. Our stock is excellent, being saved only from carefully selected bulbs and is quite free from necky and misshapen bulbs, and will invariably grow to a large size under proper conditions. It is an early variety to mature and a fine keeper. It is rich, dark red, solid, heavy and perfect; flavor is good and mild, fine for boiling. **Pkt. 5 cts., oz. 15 cts., ¼lb., 50 cts., lb. \$1.50.**

"I tried the Green Prolific Lima Beans, . . . and I consider it just about the finest Lima I ever grew. It has big bunches at one point, and five beans in a pod."—MORRIS E. R. MOYER, Olney, Pa.



Prize-Taker Onion

**CHOICE ONIONS, continued****AMERICAN-GROWN PRIZE-TAKER**

The Prize-Taker Onion has now been several years on the market and is recognized as one of our best standard varieties. It succeeds everywhere—East, West, North and South—and whether grown for home use or for marketing gives universal satisfaction, yielding Onions weighing one pound the first year from seed and often 14 inches around, at the rate of 1,200 to 1,500 bushels per acre. Its immense size and mildness of flavor delight every one who raises it. Its keeping qualities are unexcelled. The exterior is pale yellow, and the interior clear, sparkling white. Nothing short of actual knowledge of this variety will convey a true idea of its great value, whether for market or home. It is easily grown, medium-early. **Pkt. 10 cts., oz. 15 cts., ¼lb. 40 cts., lb. \$1.50, 5 lbs. at \$1.25 per lb. postpaid.**

**ROUND, or FLAT YELLOW DANVERS**

As grown by us, this is a fine selected strain, combining extreme reliability in ripening with large yield. It is grown extensively for market ripening more surely in moist locations than do globe-shaped varieties, as well as earlier than they. It is becoming more popular also for growing Yellow Onion Sets. Our strain produces thin-necked flattened bulbs, yielding well in bulk. **Pkt. 10 cts., oz. 15 cts., ¼lb. 35 cts., lb. \$1.00.**

**DELIVERED IN THE UNITED STATES, UNLESS NOTED**

	Pkt.	Oz.	¼lb.	Lb.
<b>Extra-Early Flat Red.</b> Remarkably early, of medium size, thriving in cool soils where others fail; a good keeper; shape uniform, round and flat, skin light red, flesh close-grained, white and mild; good for home gardens. ....	\$0 05	\$0 15	\$0 40	\$1 25
<b>Australian Brown.</b> Medium size, almost round, rich brownish bronze skin; solid; good quality; grand keeper. ....	05	15	40	1 25
<b>Yellow Strasburg, or Dutch.</b> Grown extensively for sets. Skin yellow; flesh pure white, mild-flavored. ....	05	15	40	1 10

**SOUTHPORT GLOBE VARIETIES**

These are the handsomest and largest of the American Onions, of almost perfect globe shape, heavy, solid and fine-grained; big yielders and splendid keepers. Superior Connecticut-grown seed from perfect specimens.

<b>Southport Yellow Globe.</b> Thin skin; pale yellow and mild flesh. ....	05	15	50	1 25
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**ITALIAN, BERMUDA AND PICKLING ONIONS**

<b>Adriatic Barletta.</b> Very early; small, pure white with silver skin, flesh mild but firm; fine for pickling. ....	05	20	60	1 75
<b>Gigantic Gibraltar.</b> While the ripened bulbs are similar to those of the Prize-Taker in size and form, it is better adapted to growing in warm locations. Leaves are distinct from other varieties, being a deep green with a glossy surface, enabling it to withstand dry weather and the attacks of insect enemies. Fairly globular in form; thin skin of light straw color; flesh white, tender and mild. ....	05	20	60	1 75
<b>Silver King.</b> White-skinned, white-fleshed Onions, of flattened shape, growing to an immense size. ....	05	20	60	1 75
<b>Queen.</b> A very early, small, flat, white and mild pickle Onion. ....	05	20	60	1 75

**ONION SETS**

All Onions attain full size and maturity the same season from spring-sown seed, yet many people desire to plant out sets for earliest Onions for the table or to use green or for bunching. The price per bushel is subject to change with the market; write for quotations.

**Yellow Onion Sets.** Grown from our select strain of Yellow Danvers. Qt. 30 cts., postpaid. Write for prices for larger quantities.

**White Onion Sets.** Grown from our select strain of White Portugal. Qt. 35 cts., postpaid. Write for prices for larger quantities.

**OKRA, or GUMBO**

**White Velvet.** Large, round, smooth pods; never ridged; prolific. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 60 cts.

**Dwarf Prolific.** Of dwarf, stocky growth; very early and prolific. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 55 cts.

**Lady Finger.** Long, slender pale green pods, very tender. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.

**MUSTARD**

**Black or Brown.** Large, succulent leaves, pleasantly pungent. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.

**White London.** The leaves are generally used while quite young in salads and for garnishing. Successive sowings furnish a continuous supply. Oz. 5 cts., ¼lb. 15 cts., lb. 40 cts.

**Giant Southern Curled.** A favorite in the South, where it is sown in the fall for spring salad. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.

**NASTURTIUM, or INDIAN CRESS**

The seed-pods, gathered green, are delicious pickled and used for seasoning like capers.

**Tall, or Large.** Climber; 10 feet high, ornamental flowers, large seeds. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 85 cts.

**Dwarf.** A trailer, requiring no support; smaller but more profuse. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 85 cts.

**MUSHROOM SPAWN****Bricks only**

In bricks only. Any one can grow it, the process is simple, and profits big. Write for pamphlet giving full instructions.

**English.** The culture of Mushrooms is easy if you plant fresh and thoroughly reliable spawn. They can be grown in the cellar, in sheds, hotbeds, or the open air. English spawn is best. It comes in bricks weighing about a pound each. A single brick will plant a bed 2 x 6 feet. Special prices will be quoted on lots of more than one hundred pounds. By mail, postpaid, one brick, 25c. By express, 25 lbs. \$2.75, 50 lbs. \$5.



A Field of Onions

# PARSNIPS

**CULTURE.**—Sow early in spring, in drills 15 inches apart and half an inch deep, in a rich soil; thin out to 6 inches apart in the rows. One ounce will sow 200 feet of drill; five to six pounds will sow an acre.

## HOLMES' HOLLOW CROWN

Uniformly large and handsome roots of stocky form, heavy, well rounded, gradually tapering. Flesh white, of fine texture, free from core and stringiness, fine-flavored. May remain in the ground all winter, or dug in the fall and stored. Frost improves their quality. **Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 55 cts.**

## MALTESE

The roots do not grow quite so long as the Hollow Crown, but are greater in diameter; they are very smooth and the flesh fine grain, of most excellent quality; skin ivory white. **Pkt. 5 cts., oz. 15c., ¼lb. 25c., lb. 75c., by mail, postpaid.**

## GUERNSEY

A half-long Parsnip. Flesh fine-grained; much sought for by market-gardeners because of its fine appearance. **Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 55 cts.**

# PARSLEY

Petersile Prezzemolo  
Peitroszka

**CULTURE.**—Soak seeds in water of twenty-four hours before planting. Three or four weeks sometimes elapse before it comes up. Sow thickly early, in rows 1 foot apart, cover half an inch deep; and finally thin to 5 or 6 inches apart, or transplant and cut back frequently. For winter use protect in a frame or light cellar.

## HOLMES' IDEAL

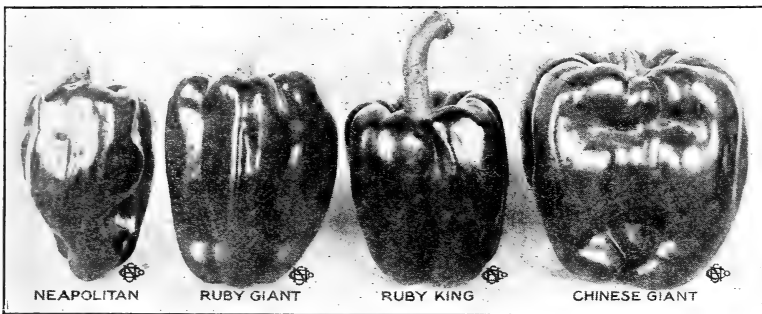
Leaves ornamentally crimped; growth compressed and thick, almost a half-globe. Very robust growth, greatly improved by severe cutting. Stands heat, drought and cold; yields finely. Ideal in color and taste. **Pkt. 10 cts., oz. 20 cts., ¼lb. 40 cts., lb. \$1.25, by mail, postpaid.**

One ounce to 150 feet of drill

	Pkt.	Oz.	¼lb.	Lb.
<b>Champion Moss Curled.</b> Densely crimped, dark leaves; beautiful for garnishing; select and productive.....	\$0 05	\$0 10	\$0 25	\$0 75
<b>Extra Curled Emerald.</b> Distinct, handsome bright green, finely cut and very curled moss-like leaves. Plant of dwarf habit, productive and unsurpassed for either home use or marketing.....	05	10	25	80
<b>Extra Double Curled.</b> A popular fine dwarf.....	05	10	25	70
<b>Plain.</b> The leaves are not curled; plant very hardy.....	05	10	20	60
<b>Hamburg, or Turnip-rooted.</b> The fleshy roots resemble small parsnips. Fine for flavoring soups, stews, etc.....	05	10	25	70



Hollow Crown Parsnip



NEAPOLITAN

RUBY GIANT

RUBY KING

CHINESE GIANT

setting three to four extra-large fruits at the base quite early, which ripen while a second crop is setting on the branches; the fruit sometimes weighs eighteen ounces. The fruit is (illustration herewith) square in appearance, while the flesh is thick and very mild, and entirely free from any fiery flavor. **Pkt. 10 cts., oz. 40 cts., ¼lb. \$1.25, lb. \$4.**

## NEW RUBY GIANT

Cross of Ruby King and Chinese Giant. Chinese Giant is the largest of all Peppers, but is rough and ungainly. New Ruby Giant, while quite large around, has the ideal long shape of the Ruby King. Vigorous in growth, mild and sweet as an apple, makes fine salad with tomatoes. **Pkt. 10 cts., oz. 40c., ¼lb. \$1.25, lb. \$4.25.**

# PEPPER

Pfeffer Peperone Pieprz

**CULTURE.**—Sow in hotbed in April, and in warm, settled weather transplant outdoors 18 inches apart in rows 3 feet apart, or when all danger of frost is past, sow in open ground and thin. One ounce will produce about 2,000 plants.

## NEW CHINESE GIANT

Strong, stocky growth, bushy, erect, growing 18 inches to 2 feet high, with abundant foliage. They are very prolific, and in a second crop is setting on the branches; the fruit is thick and very mild, and entirely free from any fiery flavor.

## EARLY NEAPOLITAN

Fruits may be gathered the last of June, two weeks earlier than others, from seed sown early. Early fruits 4½ by 4 inches—later grow larger. Thick-meated, usually mild and sweet, and bright red. Plants sturdy, vigorous, frequently carrying 30 to 40 handsome fruits. **Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.35, lb. \$4.75.**

DELIVERED IN THE UNITED STATES, UNLESS NOTED

	Pkt.	Oz.	¼lb.	Lb.
<b>Golden Queen.</b> Similar to "Bell, or Bull Nose," but of golden yellow color; sweet and delicate flavor.....	\$0 05	\$0 25	\$0 75	\$2 40
<b>Large Bell, or Bull Nose.</b> Large, early, bright red, mild flavor; for pickling and "mangoes" when green.....	05	25	75	2 50
<b>Long Red Cayenne.</b> Late. Small, bright scarlet, cone-shaped, pungent pods, much used for pickling when green.....	05	25	75	2 50
<b>Red Cluster.</b> Dwarf, compact, often bears 1,000 peppers. Small, thin, red pods borne upright in clusters.....	05	30	1 00	
<b>Ruby King.</b> Average 6 inches long by 10 inches in girth. Prolific, early; ruby crimson; flesh thick, mild, sweet.....	05	20	60	2 25
<b>Sweet Mountain, or Mammoth.</b> Resembles "Bull Nose," but larger, and deeper shape; very mild flavor.....	05	25	65	2 25



# PEAS

Erbsen Pisello  
Groch

**CULTURE.**—To grow for market, sow in single rows 1 inch apart and 2 to 3 inches deep, the rows from 2 to 4 feet apart. When grown in garden, sow in double rows 6 to 8 inches apart; tall sorts require brush. Begin sowing the extra-early varieties as soon as the ground can be worked in March; continue, for a succession, every two weeks until June. One quart will plant 100 feet of drill; 1½ bus. for an acre.

## HOLMES' PEDIGREE EXTRA-EARLY

Grown in the far North and with the selection of the earliest and choicest vines, this strain is so improved that it fully bears out our claim as one of the earliest, most prolific and even strains in existence, maturing so well together that sometimes a single picking will secure the entire crop. Vines vigorous and hardy, 2 to 2½ feet high, bearing abundantly. Market-gardeners will do well to give this new strain a trial. When this variety is planted exclusively, sowings should be made every week, to insure a constant supply. **Pkt. 10 cts., pt. 25 cts., qt. 40 cts., postpaid by freight or express, qt. 25 cts., pk. \$1.75.**

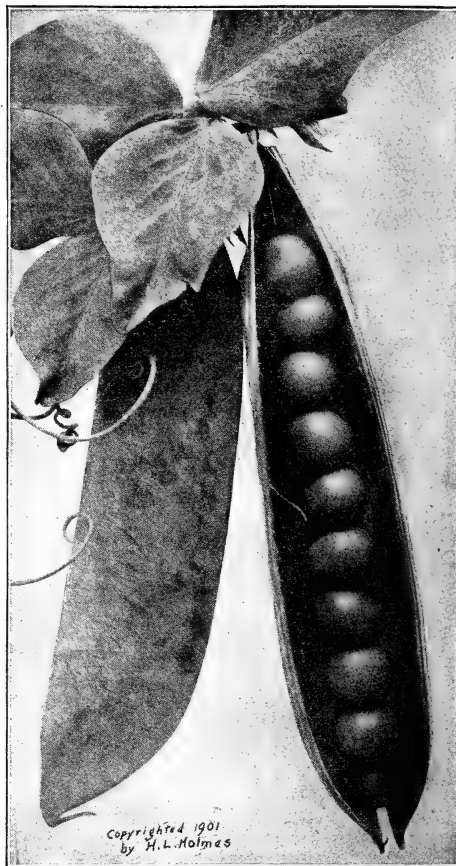
## NEW PEA, THOMAS LAXTON

A new variety, producing large pods in abundance. Delicious, matures as early as the extra-early smooth Peas, and, being a wrinkled sort, is much sweeter. **Pkt. 10 cts., pt. 35 cts., qt. 60 cts., by mail, postpaid; by freight or express, qt. 50 cts., 4 qts. \$1.50, pk. \$2.75.**

## NEW PEA, GRADUS

### ALSO CALLED EARLY TELEPHONE

From trials made at our grounds the Gradus ranks with any early variety. By actual test the Alaska and Holmes' Market-Gardeners' Extra-Early, known as the earliest Peas, alongside the Gradus came in only three days ahead. The variety is imported, having been raised by Thomas Laxton, brought from England. The vine has very heavy stems, and produces uniformly large pods, measuring 4 to 4½ inches, nearly round, and well filled with eight to ten large, handsome peas. In flavor and quality of the highest "marrow" type, melting and sugary, retaining when served, its bright, vivid green. A gentleman remarked, as he ate the Gradus Pea, that he never tasted anything to compare with them, and had no idea they were so fine. **Pkt. 10 cts., pt. 35 cts., qt. 60 cts., by mail, postpaid; by freight or express, qt. 50 cts., 4 qts., \$1.50, pk. \$2.75.**



Gradus Pea. (¾ actual size; from photo.)

## PROLIFIC EARLY MARKET

This Pea is about four days later in maturing than our Market-Garden Extra Early, but it produces 30 to 50 per cent more Peas than any other early variety. Pods are about one-fourth to one-half longer than any of the extra-early types. Seed resembles the extra-early sorts but is somewhat wrinkled. The beauty of this particular Pea is that it comes in all at one time and can be cleaned up with one picking. **Pkt. 10 cts., pt. 25 cts., qt. 45 cts., by mail, postpaid; by freight or express, qt. 30 cts., pk., \$2.**

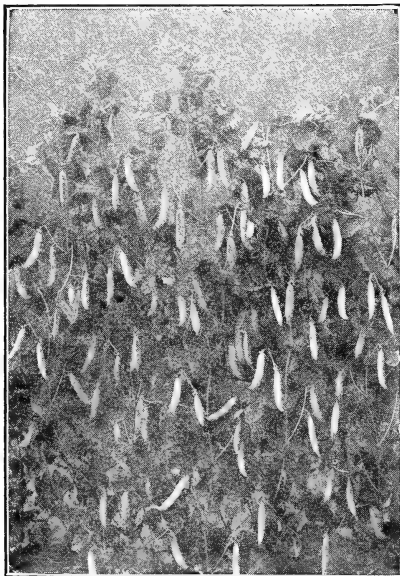
## SUTTON'S EXCELSIOR

New. Its great merit is that it is an early dwarf wrinkled Pea in the front rank for earliness, yet with much larger, handsomer pods than any other dwarf wrinkled. Similar in habit of growth to Nott's Excelsior, which is one of the most popular. It holds the place in the Extra-Early class that is now so acceptably filled by Stratagem and Telephone in the later sorts. The height is about 12 to 14 inches, showing a great abundance of long, broad, straight pods of a pale green color. **By mail, postpaid, ½pt. 15 cts., pt. 30 cts., qt. 50 cts.; by freight or express, qt. 40 cts., 4 qts. \$1.25, pk. \$2.**

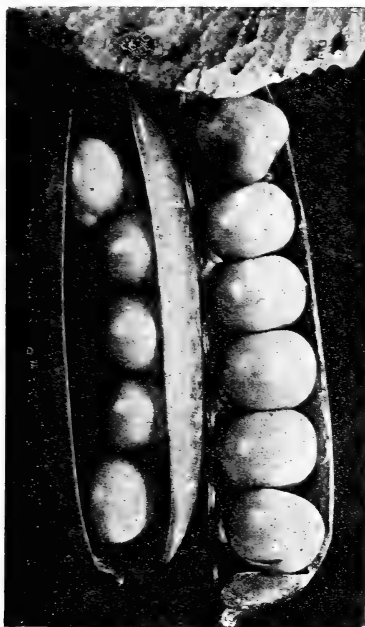
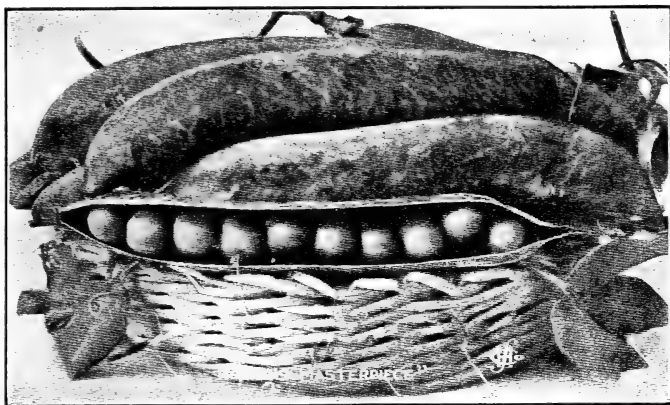
## NEW PEA, AMEER

### CALLED LARGE ALASKA IN THE SOUTH

Height 18 to 20 inches, habit dwarf, stocky and vigorous, color dark green. The most robust grower we know of. It is an imported variety which tested out in our trials better than any other sort of its class. This Pea comes in about the same time as the Thomas Laxton, not so large but twice as prolific, just the Pea for the market or home gardener. Give it a trial. **½pt. 15 cts., pt. 30 cts., qt. 50 cts., postpaid; by freight or express, qt. 40 cts., 4 qts. \$1.25, pk. \$2.25.**



Prolific Early Market Peas



Nott's Excelsior Pea

### NOTT'S EXCELSIOR

famous Gradus, or Prosperity. We can now say we believe this to be one of the finest and most prolific large-podded Peas ever introduced. As is shown by the photograph, the pods contain 8 to 10 perfectly formed peas, and are of such large size that they sell on sight at market.  $\frac{1}{2}$  pt. 20 cts., pt. 35 cts., qt. 50 cts., by mail, postpaid; by freight or express, qt. 50 cts., 4 qts. \$1.75, pk. \$3.35.

### NEW DWARF CHAMPION OF ENGLAND

Is a hardy, robust and vigorous grower of handsome green pods, and the quality is unsurpassed. Height of vine 26 inches, 68 days from planting. For a reliable staple market variety we believe it will fill a long-felt want.

Pkt. 10 cts., pt. 25 cts., qt. 40 cts., by mail postpaid; by freight or express, qt. 25 cts., 4 qts. \$1, pk. \$1.75.

### SUGAR PEA, MAMMOTH LUSCIOUS

Excels in size, productiveness and quality. Even to those who know how delicious and wholesome are Sugar Peas, cooked pods and all, a dish of these giant pods, sweet, sugary and melting, will be a delightful surprise. Vines average about 36 inches in height and remain a long time in bearing, and, when grown with brush or trellis, are strong and rank. The pods are gigantic in size, broad, sweet and tender, extremely fleshy, and equal to the best snap beans for cooking pods and all. The dry peas, when ripe, are extra large and wrinkled. Pkt. 15 cts.,  $\frac{1}{2}$  pt. 20 cts., pt. 35 cts., qt. 60 cts., by mail, postpaid; by freight or express, pt. 25 cts., qt. 50 cts., 4 qts. \$1.75, pk. \$3.

MORRIS E. R. MOYER, Oley, R. F. D. 3, Pa., writes: "The Green Prolific Lima Beans purchased of you last spring I consider the finest Lima Bean I have ever tried. Exceedingly prolific, there are bunches hanging at one point, each containing five beans."

R. B. CAPLES, Glasgow, Mo., writes: "Owing to the very cold and unfavorable spring, the Beans did not come up until late and only began bearing late in August; however, the vines are vigorous and are bearing large quantities of beans of splendid flavor."

MR. CLARENCE S. PHILLIPS, Danville, Pa., writes: "I purchased one quart of Holmes' Green Prolific Lima Beans and planted 175 poles, sold 135 quarts at 20c., 18c., and 15c. per quart, receiving about \$21.50 cash—indeed, I am very well pleased with the Beans. After selling the quantity mentioned we are still picking a few for our table."

MRS. JOHN B. HERSHEY, Gordonville, Lancaster Co., Pa., R. F. D. No. 2, writes: "We planted your Lima Beans beginning of May, were ready for eating by middle of August. From one pack we had three quarts of dry Beans."

## PEAS, continued

### NEW LATE PEA, ALDERMAN

This fine Second-Early wrinkled Pea has proven in our trials to be a very valuable acquisition. We predict for it a place in every catalogue and, once in the hands of the gardener, the old Telephone and Duke of Albany will be forgotten. Vines vigorous growing, about 3½ feet high, with coarse, dark-colored leaves and producing an abundance of very large, dark green pods, filled with immense Peas of delicious flavor. A splendid shipper and we recommend this to all large Pea growers.  $\frac{1}{2}$  pt. 15 cts., pt. 30 cts., qt. 50 cts., postpaid; by freight or express, qt. 35 cts., 4 qts. \$1.25, pk. \$2.25.

### NEW PEA, HOLMES' MASTERPIECE

#### EXTRA-EARLY LARGE-PODDED

For several years we have watched the growth of a Pea in our trials which bids fair to average up with the



Mammoth Luscious Sugar Peas

## General List of Garden Peas

LIBERAL PACKETS OF ANY VARIETY OF PEAS, 10 CENTS EACH		BY MAIL POSTPAID		BY FREIGHT OR EXPRESS	
One quart to 100 feet of drill; 2 to 3 bushels for an acre. Those prefixed with a * are wrinkled varieties		Pt.	Qt.	Qt.	Pk.
<b>DWARF EXTRA-EARLY PEAS.</b> Require no staking or brush					
* <b>American Wonder.</b> 10 to 12 inches. Extra-early; of dwarf, compact growth, wrinkled; of the finest quality.....	\$0 25	\$0 50	\$0 35	\$2 25	
<b>Little Gem.</b> 16 to 18 inches. Dwarf, green, wrinkled; prolific and of excellent flavor. A few days later than above.	25	50	35	2 25	
<b>Tom Thumb.</b> 8 inches. An old variety; very dwarf.....	25	50	35	2 00	
<b>EXTRA-EARLY PEAS OF MEDIUM HEIGHT</b>					
<b>Alaska.</b> 2 feet. A wonderfully early, smooth, blue pea; vines slender; pods very dark green, about 3 inches long, well filled with small, smooth, blue-green peas. It is a desirable market and canning pea.....	20	35	25	1 75	
<b>Daniel O'Rourke Improved, or Philadelphia Extra-Early.</b> 3 feet. Favorite extra-early, round, smooth pea.....	25	35	25	1 60	
<b>Holmes' Market-Gardeners' Extra-Early.</b> 2 feet. A superior strain of the extra-early peas, ripening evenly throughout the crop.....	25	35	25	1 75	
<b>SECOND, or MEDIUM-EARLY PEAS</b>					
* <b>Advancer.</b> 2½ feet. A great favorite, and popularly known as the Dwarf Champion; green, wrinkled peas of fine flavor.....	25	40	25	1 75	
* <b>Abundance.</b> 3 feet. A deservedly popular variety, branching from the bottom and bearing abundantly roundish pods 3 to 3½ inches long, well filled with 6 to 8 large wrinkled peas of excellent quality.....	25	40	25	1 75	
* <b>Everbearing.</b> 3 feet. A prolific and continuous-bearing pea, giving it especial value for both summer and autumn use; pods 3 to 4 inches long, containing 6 to 8 large wrinkled peas, ½ inch in diameter.....	25	40	25	1 75	
* <b>Horsford's Market-Garden.</b> 2 feet. A grand wrinkled pea, noted for its uniform growth and prodigious yield. The pods, though of medium size, are packed with peas of sweet flavor.....	25	40	25	1 75	
<b>Carter's Daisy, or Dwarf Telephone.</b> Cross of Stratagem on Telephone. Productive. Pods long and well filled.	25	45	35	2 00	
* <b>Shropshire Hero.</b> 3 feet. A robust grower, producing abundantly long, handsome pods, well filled with large, wrinkled peas of exquisite flavor.....	25	40	25	1 75	
<b>MAIN-CROP, or LATER PEAS</b>					
<b>Long Island Mammoth, or Telegraph.</b> 3½ feet. Large pods and peas.....	25	40	25	1 75	
<b>Pride of the Market, Improved.</b> 1½ feet. Large pods; popular for market.....	25	40	25	2 00	
* <b>Yorkshire Hero.</b> 3 feet. A spreading variety; very productive.....	25	45	35	2 00	
* <b>Duke of Albany, or American Champion.</b> 4½ feet. A grand, large-podded, wrinkled pea, each pod containing from 9 to 12 immense peas; the largest of all varieties, while the quality is superlatively fine, tender, rich and sweet; very productive.....	25	45	30	2 00	
* <b>Champion of England.</b> 5 feet. A superior selection of this well-known favorite, noted for the rich, marrow-like quality of its immense, wrinkled peas.....	25	40	25	1 75	
* <b>Juno.</b> 2 feet. A dwarf main crop, green, wrinkled, marrow pea, of superb flavor and vigorous constitution.....	25	40	25	1 75	
* <b>Stratagem.</b> 2 feet. A dwarf, blue, wrinkled pea; a heavy cropper, producing large pods well filled with large marrow peas of excellent flavor.....	25	45	35	2 25	
* <b>Telephone, Special Strain.</b> 4½ feet. Strong-growing; exceedingly productive pods of largest size, containing 6 to 7 large, wrinkled marrow peas of rich, sugary flavor.....	25	45	35	2 00	
<b>Black-Eyed Marrowfat.</b> 5½ feet. An old favorite; prolific market pea.....	15	25	25	1 25	
<b>White Marrowfat.</b> 5½ feet. Similar to above, but of better quality.....	15	25	25	1 25	
<b>SUGAR, or EDIBLE-PODDED PEAS</b>					
The pods are cooked like string beans; if used when about half-grown they are deliciously tender and sweet.....					
<b>Melting Sugar.</b> 5 feet. The mammoth variety producing abundantly immense brittle pods that "snap" without string; very sweet and tender.....	25	40	30	2 00	
* <b>Dwarf Sugar.</b> 1½ feet. Extra-fine quality; productive and early; 71 days from planting to first picking.....	25	35	25	1 75	
* <b>Tall Gray Sugar.</b> 4 feet. Immense pods; snap; 78 days.....	25	35	25	1 75	
<b>Cow Peas and Field Peas.</b> See Farm Seed Department.					

## PURE NORTHERN-GROWN SEED POTATOES

\* Kartoffel      Finest Select Stock

**Holmes' Improved Early Ohio.** This grand strain of the old reliable Early Ohio is without doubt the earliest and a very productive variety. Lb. 30 cts., 3 lbs. 75 cts., by mail, postpaid; by express or freight, pk. 75 cts., bus. \$2, bbl. \$5.

**Irish Cobbler.** One of the best extra-early varieties. Very large, white and heavy cropper; of excellent quality. Earlier even than the Ohio. Lb. 30 cts., 3 lbs. 60 cts., postpaid; freight or express, pk. 75c., bus. \$2, bbl. \$5.25.

**Early Bovee.** Lb. 25 cts., 3 lbs. 60 cts., postpaid; freight or express, pk. 75 cts., bus. \$2, bbl. \$4.85.

**Vermont Gold Coin.** Excellent flavor; small shallow eyes, thin skin, fine-grained flesh; shape slightly oblong, rather broad and thick through. Strong-growth and productiveness make it fine for general crop. Lb. 30 cts., 3 lbs. 75 cts., by mail, postpaid; by express or freight, pk. 75 cts., bus. \$2, bbl. \$4.50.

**Northern-Grown Seed Potatoes.** Standard varieties of Seed Potatoes weigh 165 pounds to the barrel. Lb. 25 cts., 3 lbs. 60 cts., by mail, postpaid. All varieties listed below.

These prices are subject to change without notice

	FREIGHT OR EXPRESS		
	Pk.	Bus.	Bbl.
<b>Improved Early Rose.</b> Pure and genuine.....	\$0 50	\$1 75	\$4 75
<b>Maine Rose.</b> The best variety of the rose type.....	50	1 75	4 75
<b>Early Harvest.</b> An unusually heavy yielder.....	50	1 75	5 00
<b>Early Fortune.</b> Is very productive.....	50	1 75	5 00
<b>Quick Crop.</b> Very early vigorous grower.....	50	1 75	5 00
<b>Sir Walter Raleigh.</b> New, valuable variety.....	50	1 60	4 25
<b>Rural New-Yorker.</b> The tubers are large.....	50	1 60	4 25
<b>Carman No. 3.</b> Best late sort; yields heavily.....	50	1 60	4 25



# PUMPKINS

Melonen Kürbis  
Zucca Bania

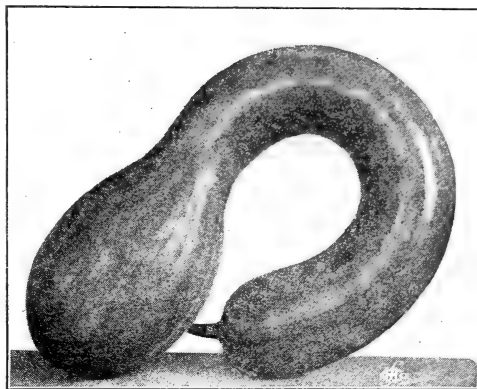
**CULTURE.**—Sow in good soil in May, in hills 8 to 10 feet apart each way; or in fields of corn about every fourth hill. Avoid planting near other vines. One ounce will plant 15 hills; one pound for an acre.

## MAMMOTH GOLDEN CASHAW, or CROOKNECK

This splendid variety is of a rich golden-orange color, and grows to a large size. In its early stages it is dark green, ripening to a warm and rich color. The flesh is much thicker, sweeter and finer grained than in any other Pumpkin, and a deep rich yellow. For making pies this variety is superior, while for stock-feeding and keeping purposes it has no equal. **Pkt. 5 cts., oz. 15 cts., ¼lb. 30 cts., lb. 90 cts., 5 lbs., by express, \$4.**

## JUMBO, or MAMMOTH POTIRON

No other Pumpkin ever introduced has reached such enormous weights, and been awarded so many prizes. Hundreds of our customers have raised specimens weighing over one hundred and fifty pounds each. It frequently attains a diameter of over 4 feet. The flesh and skin are golden yellow, and, notwithstanding its enormous size, it makes a good table Pumpkin. **Pkt. 5 cts., oz. 20 cts., ¼lb. 40 cts., lb. \$1.50.**



Mammoth Golden Cashaw Pumpkin



Jumbo, or Mammoth Potiron Pumpkin

### DELIVERED IN THE U. S., UNLESS NOTED

	Pkt.	Oz.	¼lb.	Lb.
<b>Cheese.</b> The most popular for pies and table use; large, flat-round; creamy yellow skin; thick, orange flesh of fine quality	\$0 05	\$0 10	\$0 20	\$0 60
<b>Connecticut Field.</b> A productive, large, orange-colored field Pumpkin, usually grown for stock feeding but it also makes good pies	05	10	15	40
<b>Small Sugar.</b> A handsome and productive small Pumpkin; 10 to 12 inches in diameter; round-flattened; skin orange, flesh deep yellow, fine-grained and very sweet	05	10	25	75
<b>Winter Luxury.</b> A superior pie Pumpkin, small, but enormously productive and an excellent keeper; shape rounding-oblong, about 10 inches in diameter; golden-russet, finely netted; flesh deep golden, sweet and tender	05	10	25	85
<b>Improved Green Striped Cashaw.</b> Improvement on White Cashaw, green and white striped; flesh rich yellow, solid, fine-grained, thick and sweet	05	10	25	85
<b>Quaker Pie.</b> Shape nearly oval. Cream-colored skin and flesh; fine quality	05	10	25	85
<b>Tennessee Sweet Potato.</b> Bell-shaped, white flesh, very thick and sweet	05	10	25	80
<b>Japanese.</b> Surpasses all others in flavor. Flesh thick, salmon-colored, fine-grained sweet	05	10	30	1 00

# RADISHES

Radies Ravenollo  
Rzodkiew

Our stock of Radishes are French-grown; being sown in beds and transplanted, we are positive of having straight sorts.

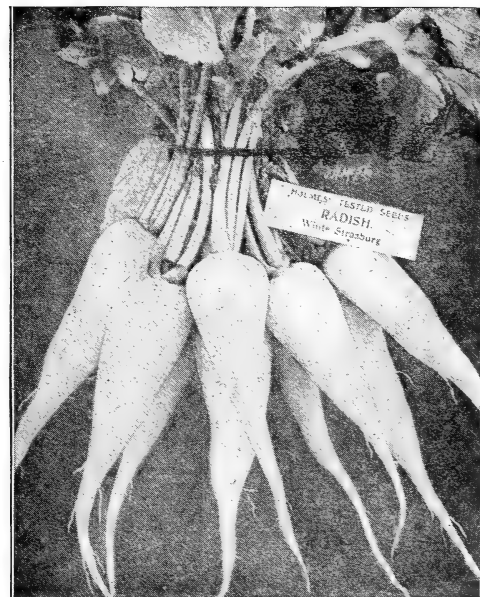
**CULTURE.**—Radishes delight in light, rich, mellow soil, and to be crisp and tender must make rapid growth. For very early use, sow in a gentle hotbed in January, and continue sowing every two weeks until September, in drills 10 inches apart, thinning plants to 2 inches apart. Sow winter Radishes in midsummer, and take up before severe frosts and store in sand or earth in a cool cellar. One ounce will sow 100 feet of drill; 10 pounds in drills will sow an acre.

## WHITE STRASBURG SUMMER

This variety is now the most popular summer Radish. Both skin and flesh are pure white, almost transparent, and of a delightful pungent taste. It can be pulled five weeks from time of sowing, yet it will continue to grow without losing its fine quality and remains tender longer than any other summer sort. **Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 85 cts., postpaid; by express, lb. 75 cts., 5 lbs. \$3.**

## VICK'S EARLY SCARLET GLOBE

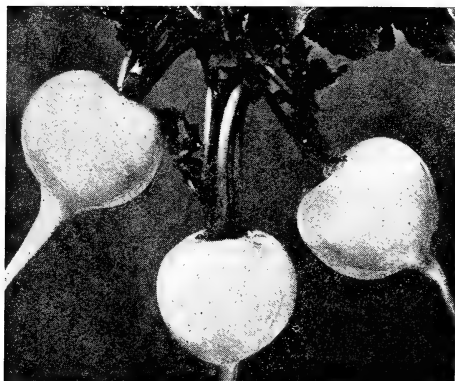
The roots of this variety are slightly olive-shaped, a rich, bright scarlet in color; flesh tender and white; fit to pull as early as Non Plus Ultra, but much larger when matured. We especially recommend this to gardeners whose market demands a large, first-early forcing Radish. **Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 85 cts.**



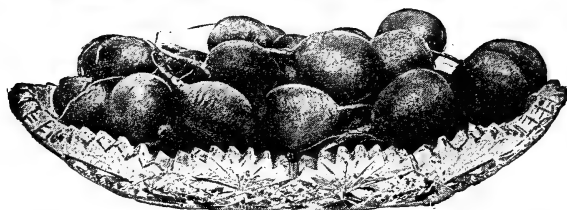
White Strasburg Summer Radishes

"Your seeds have proven very satisfactory. Next year will want more of them."  
—J. L. GARMAN, Landisburg, Pa.





Felton's White Box Radishes



Holmes' Royal Red Forcing Radishes

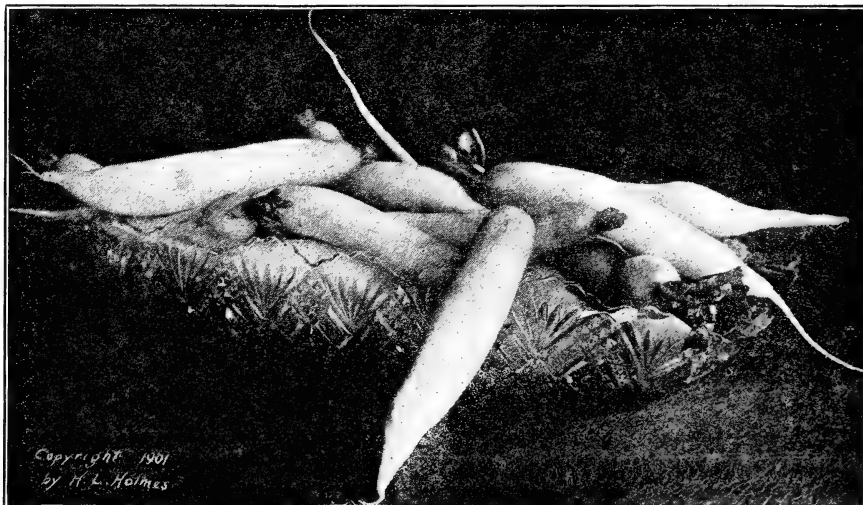
**CRIMSON GIANT FORCING**

A new Early Turnip Radish, double the size of any of the early turnip-shaped type. This variety develops to 6 and often 7 inches in circumference, weighing up to an ounce, or about four times the weight of similar sorts; but notwithstanding its immense size, does not get hollow or pithy, the flesh remaining sparkling white, solid, crisp and juicy, and of the mildest flavor. The shape of the bulb varies between round and almost oval, but the bright deep crimson color of the skin is constant. Excellent for forcing and open-ground. **Pkt. 10 cts., oz. 15 cts., 1/4 lb. 35 cts., lb. \$1.25.**

**NEW WHITE ICICLE**

**THE FINEST FLAVORED QUICK-GROWING RADISH NOW IN CULTIVATION.**

We have no hesitancy in saying it is one of the finest long white forcing Radishes known. The name is derived from the almost transparent whiteness of the root, which has no comparison among all existing Radishes. Leaves are short; taste is exceedingly fine. If well cultivated, Icicle produces its 3 1/2- to 4-in., cylindrical roots within 22 days from date of sowing. This means the acme of crispness. We find that for successive planting Icicle succeeds as well in midsummer as when sown early; even in an advanced state it retains its fine flavor, never becoming woody. **Pkt. 10 cts., oz. 15c., 1/4 lb. 25 cts., lb. 75c., by mail, postpaid.**



Icicle Radishes

**RADISHES, continued**  
**FELTON'S MODEL WHITE BOX**

Felton's Model possesses all the excellent qualities of the old Philadelphia White Box, but is superior in being much handsomer and earlier, with fewer and shorter leaves; hence it can be sown more thickly in the row, enabling the grower to raise one-third more Radishes in the same space. **Pkt. 5c., oz. 10c., 1/4 lb. 25c., lb. 75c., postpaid; 5 lbs. \$3.25, by express.**

**EARLY LONG SCARLET SHORT TOP IMPROVED**

This variety is a standard and excellent sort for private gardens or the market. The roots grow half out of the ground, are very uniform in shape, smooth and very bright red in color, and continue crisp and tender until fully matured, when they are about 6 inches long. This is the Radish grown so extensively in Petite Cote, Ontario, where the finest in America are produced. **Pkt. 5 cts., oz. 10 cts., 1/4 lb. 25 cts., lb. 75 cts.**

**HOLMES' ROYAL RED FORCING**

Best for forcing in- or outdoors; quick grower; makes Radishes in three weeks. Globe-shaped, deep, red color, crisp and tender, tops small. The beautiful color and shape of this Radish make it a very attractive table relish. **Pkt. 5 cts., oz. 10 cts., 1/4 lb. 35 cts., lb. 90c.**

**EARLY SCARLET TURNIP WHITE-TIPPED**

Handsome; little later than White-Tipped Forcing; will give entire satisfaction where extreme earliness and small top are not the chief consideration. Roots slightly flattened on the under side; color very deep scarlet with a distinct white tip; flesh white and of the best quality; fine flavored, crisp, juicy, solid, and with never a hint of pithiness. This is an excellent variety both for home and market purposes. **Pkt. 5 cts., oz. 10 cts., 1/4 lb. 25 cts., lb. 75 cts. postpaid.**

**WHITE CHINESE, or CELESTIAL**

It is worthy of all the praise given it. Austin G. Rupp, Shiremanstown, Pa., has been growing this variety, and gets very high prices. So valuable did he consider it that for years he thought it policy not to tell his neighbors its name. The true stock of this variety is stump-rooted, and although a Winter Radish, it can also be grown for late summer. The flesh is firm, solid and pure white, crisp and juicy, which is especially noticed very late, as it keeps all winter in prime condition, and is of mild flavor and very popular. **Pkt. 5 cts., oz. 15 cts., 1/4 lb. 25 cts., lb. 75 cts.**

Mrs. Samuel H. Wissler, Lincoln, Pa., writes:—"The grains of Holmes' Delicious Sweet Corn are a good size, and the flavor of this corn is finer and sweeter than any we tasted this summer." NOTE.—The description of this corn is on page 12. If you try it on your farm you will find, among other good things about it, that the seed will not rot when in the ground during a long siege of cold and wet weather.

## General List of Radishes

DELIVERED IN THE UNITED STATES, UNLESS NOTED		Pkt.	Oz.	¼lb.	Lb.
<b>EARLY ROUND, or TURNIP-SHAPED</b>					
<b>Early Scarlet Turnip.</b> The popular standard; medium; bright scarlet; rapid growth and of mild flavor.....	\$0 05	\$0 10	\$0 20	\$1 75	
<b>Early White Turnip.</b> White skin and flesh waxy.....	05	10	20	75	
<b>Early Round Dark Red.</b> Rich, dark red; medium and uniform in size; remains fit to use for a long time.....	05	10	25	75	
<b>Scarlet Button.</b> Small, round, bright scarlet, with white tip.....	05	10	25	75	
<b>EARLY OLIVE AND OVAL-SHAPED</b>					
<b>French Breakfast.</b> Oval-shaped, bright scarlet Radish, with white tip; fine for either open ground or forcing....	05	10	25	75	
<b>Surprise.</b> Earliest yellow; fine for early or summer.....	05	10	25	85	
<b>Scarlet, Olive-Shaped.</b> Half-long, oval-shaped, maturing in 25 days; bright scarlet; flesh white.....	05	10	25	75	
<b>White, Olive-Shaped.</b> Similar to the above in shape, size and maturity.....	05	10	25	75	
<b>Yellow, Olive-Shaped.</b> A second-early; skin golden yellow; tender.....	05	10	25	75	
<b>Holmes' Dainty Forcing.</b> Three weeks; sweet, tender and crisp.....	05	10	25	75	
<b>EARLY LONG</b>					
<b>Long Brightest Scarlet.</b> Vivid-scarlet, tipped with white; early, maturing in 25 days; always of mild flavor.....	05	10	20	70	
<b>Wood's Early Frame.</b> A favorite for frame culture.....	05	10	20	70	
<b>Long White Vienna, or Lady Finger.</b> Mild and tender.....	05	10	20	70	
<b>Pearl Forcing.</b> Skin pure white; very early.....	10	15	30	85	
<b>Cincinnati Market, or Glass.</b> Long scarlet; straight, small top.....	05	10	20	70	
<b>SUMMER AND AUTUMN</b>					
<b>Giant White Stuttgart.</b> Turnip-shaped summer Radish, tender and mild.....	05	10	20	60	
<b>White Summer Turnip.</b> A flat-round, early summer Radish.....	05	10	25	70	
<b>Chartier.</b> A summer Radish, long, large and handsome; flesh white and delicious, remaining long in good condition.	05	10	20	70	
<b>Half-Long Deep Scarlet, or Paris Beauty.</b> Bright, crisp flesh.....	05	10	20	70	
<b>WINTER</b>					
<b>California Mammoth White.</b> A favorite, large, white winter Radish, often growing 6 to 8 inches long and from 2 to 2½ inches in diameter.....	05	10	25	70	
<b>Rose China Winter.</b> Skin rosy-red; flesh white and firm.....	05	10	25	55	
<b>Long Black Spanish.</b> A leading winter variety; one of the best keepers.....	05	10	25	65	

**RHUBARB (Pie-Plant) Rhabarber**

Spring-sown seed produces plants of good size to pull from the following spring; planting roots saves one year.

**Victoria.** A very large, thick, red-stalked late variety of fine quality. Pkt. 5 cts., oz. 20 cts., ¼lb. 40 cts., lb. \$1.25.

**RHUBARB ROOTS**

We can also supply young roots of this variety, which if planted in good soil early in the spring, will make a strong growth and yield stalks for market the following spring. Two roots for 30 cts., four roots for 50 cts., by mail, postpaid. Larger untrimmed roots will be sent by express at purchaser's expense. Prices in quantity will be quoted upon application.

**SPINACH Spinat**

**CULTURE.**—Plant in very rich ground. Sow in early spring in drills a foot apart, every two weeks for a succession, and thin out for use. For fall use, sow in August; for winter, in September. Cover with straw or leaves in winter. Varieties prefixed \* may be sown in the fall for spring crop. One ounce will sow 100 feet of drill; 10 lbs. will sow an acre.

**LONG SEASON**

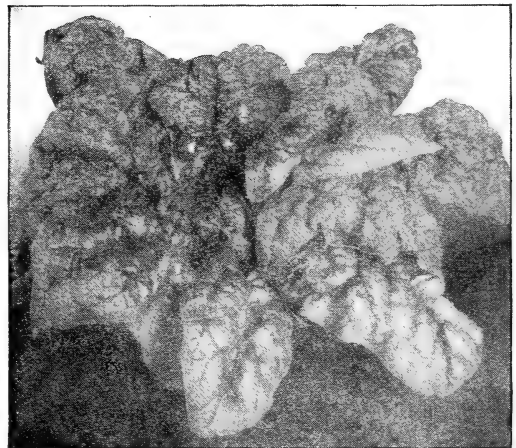
One of the notable advantages of this variety is the fact that it can be grown successfully in hot weather without going quickly to seed—a merit possessed by few others. The leaves are very dark green, and grow in a thick, rounded cluster; they are tender and succulent, of excellent quality when cooked. As a market variety, the Long Season is particularly good, as the leaves remain fresh and crisp for a considerable time after cutting. **Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 60 cts.**

**Round-Leaved.** Well-known sort, with thick, round, succulent leaves. Pkt. 5 cts., oz. 10 cts., ¼lb. 15 cts., lb. 35c.  
**\*Thick-Leaved.** Produces large, thick, bright green crumpled leaves. Pkt. 5 cts., oz. 10 cts., ¼lb. 15 cts., lb. 40 cts.  
**Long Standing.** An excellent compact variety; thick, fleshy, dark green leaves; remains a long time fit to use before going to seed. Pkt. 5 cts., oz. 10 cts., ¼lb. 15 cts., lb. 35 cts.

**\*Bloomsdale, or Norfolk Savoy.** For fall planting; fleshy, curled and hardy. Pkt. 5 cts., oz. 10 cts., ¼lb. 15 cts., lb. 35 cts.

**Victoria.** Very heavy, broad, deep green leaves; crumpled. Pkt. 5 cts., oz. 10 cts., ¼lb. 15 cts., lb. 40 cts.

**New Zealand.** Produces leaves in abundance throughout the summer. Fine appearing; also never cooks stringy. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. \$1.



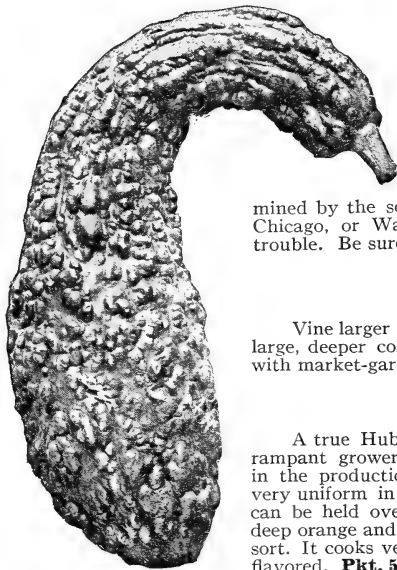
Long Season Spinach

HOLMES SEED COMPANY, Harrisburg, Pa.

Dear Sirs:—Please send me your 1910 Illustrated Seed Catalogue. I will have a garden this year and wish to select my seeds from you, as they have been recommended to me as the best growing and most satisfactory seeds ever grown. I have used vegetables grown from your seeds and will admit that they are delicious. Very sincerely yours,

400 Front street, Morgantown, W. Va.

CHAS. M. LAWSON.

Golden Summer  
Crookneck

# SQUASHES

Kürbiss    Zucca  
Miekużr

## IMPROVED HUBBARD

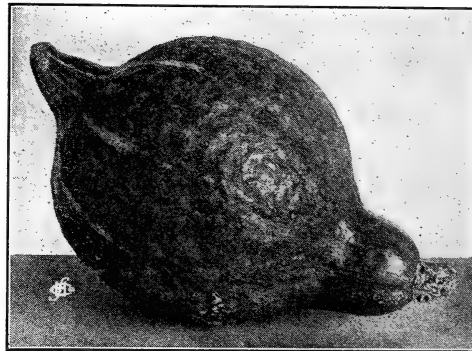
A superior variety, and one of the best winter Squashes; flesh bright orange-yellow, fine-grained, very dry, sweet and rich flavored; keeps well through the winter; boils or bakes exceedingly dry. Our stock is most carefully selected with regard to quality of the flesh, color and wartyiness of the shell, but the latter peculiarities are largely determined by the soils in which the Squashes are raised. We have compared our stock with that sold as Chicago, or Warty Hubbard, and have found it much superior. Resemblance in names causes trouble. Be sure you get the right Squash. **Pkt. 5 cts., oz. 15 cts., ¼lb. 30 cts., lb. \$1, postpaid.**

## MAMMOTH YELLOW SUMMER CROOKNECK

Vine larger and stronger-growing than the Summer Crookneck and producing fruit fully twice as large, deeper colored and with rough surface. Its large size and attractive color make it a favorite with market-gardeners. **Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 90 cts., postpaid.**

## GOLDEN HUBBARD

A true Hubbard Squash, except in color, which is a bright red. The vine is a vigorous but not rampant grower and wonderfully productive, expending the energy derived from liberal fertilizing in the production of an increased number rather than overgrown and coarse fruits. The fruits are very uniform in size, weighing from six to eight pounds. Although in condition for use much earlier, can be held over in good condition for spring use. Shell is warty, hard and strong. The flesh is a deep orange and uniformly so to the shell, never having the green tinge so objectionable in the older sort. It cooks very dry, fine-grained and good flavored. **Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. 90 cts., postpaid.**



Improved Hubbard Squash

## MAMMOTH WHITE BUSH SCALLOP

Many seedsmen have listed Mammoth White Bush Scallop Squash, but until we sent out our stock in 1895, there was no uniformly large, clear white, scalloped Squash in trade. The fruit is a beautiful, clear waxy white instead of the yellowish white so often seen in the old Early White Bush Scallop Squash, and is superior to that variety in size and beauty. The handsomest of the scalloped Squashes. **Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts., postpaid.**

## BOSTON MARROW

A fall and winter variety; large size, oval form; skin thin; when ripe, bright orange, with a netting of light cream-color, flesh rich salmon-yellow; fine-grained and of excellent flavor, but not as dry as the Hubbard. We have an unusually good stock of this sort. **Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts., postpaid.**

### DELIVERED IN THE UNITED STATES, UNLESS NOTED

Bush varieties, 1 oz. for 50 hills, 5 to 6 lbs. per acre; running varieties, 3 to 4 lbs. in hills per acre. Those marked with a \* are bush varieties, others are running sorts

	Pkt.	Oz.	¼lb.	Lb.
*Golden Custard, or Yellow Bush (Cymlin). A mammoth golden, scalloped bush Squash, often 1 foot in diameter; wonderfully productive and of extra quality	\$0 05	\$0 15	\$0 35	\$0 90
Fordhook. Early, sweet and dry; a good summer variety; oblong	05	15	40	1 40

### AUTUMN AND WINTER

Delicious (Gregory). This is the result of years of selection, primarily for quality. The introducer claims that it excels any in flavor, which we fully endorse after a table test	05	15	35	1 00
Large-Wartyed Hubbard. A new strain of larger size, increased productiveness, and a hard, green, warty shell, rendering it the best keeper of all	05	15	40	1 25
Mammoth Chili. The largest of all Squashes, often weighing 200 lbs. or over; flesh rich and fine flavored	05	15	35	1 25

# SALSIFY (Vegetable Oyster)

Haferwurzels    Sassefricu  
Jarzynowa

**CULTURE.**—It succeeds best in a light, well-enriched soil, which should be stirred to a good depth. Coarse and fresh manure should be avoided, as it will surely cause the roots to grow uneven and ill-shaped. Sow early and quite deep, giving the general culture recommended for parsnips. The roots are perfectly hardy and may remain out all winter, but should be dug early in the spring, as they deteriorate rapidly after growth commences. Store a quantity for winter use in a pit, or in a cellar, packed in damp earth or sand. One ounce for 75 feet of drill.

The long, white, tapering root of Salsify when cooked forms a good substitute for oysters, having a very similar flavor. It is usually cooked with cream or butter, boiled or fried, and also is used in soup. By many it is considered the most delicious of winter vegetables, because of its sweet flavor, and because it is very nutritious.

**Large White.** The common variety; roots medium-sized, smooth; flesh white. In certain sections we find this variety used to prepare wonderfully delicious dishes. **Pkt. 5 cts., oz. 10 cts., 2 ozs. 15 cts., ¼lb. 25 cts., lb. 90 cts.**

**Mammoth Sandwich Island.** This is larger, stronger-growing and less liable to branch than the Large White. It is an invaluable sort for market-gardeners' use. **Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. \$1.**



# TOMATOES

Liebesapfel Pomo d'Ora Pomidor

All our Tomato seeds are from seed stocks carefully selected. We challenge comparison with any offered

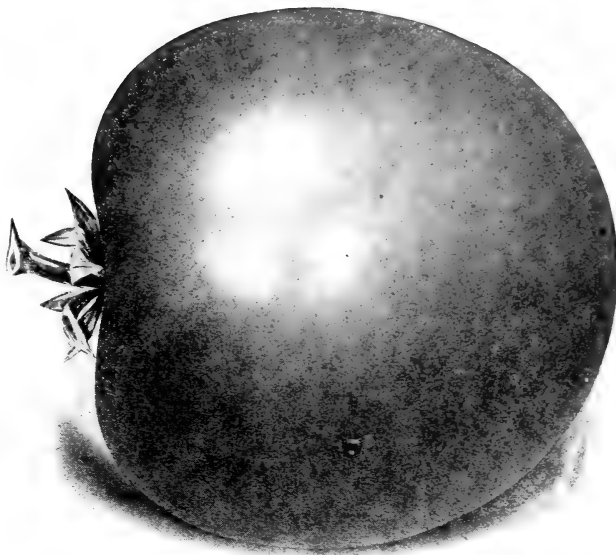
**CULTURE.**—Tomatoes do best on light, warm, not over-rich soil, and success depends upon securing a rapid, vigorous and unchecked growth during the early part of the season. Sow in hotbeds from six to eight weeks before they can be set out-of-doors, which is when danger from frost is past; when the plants have four leaves transplant into shallow boxes or coldframes, setting them 4 or 5 inches apart; give plenty of air and endeavor to secure a vigorous, but steady and healthy growth, so that at the time of setting in the open ground they will be strong and stocky. Even a slight check while the plants are small will materially diminish their productiveness. Set out-of-doors as soon as danger from frost is over, but before doing so harden off the plants by gradually exposing them to the night air and by withdrawal of the water until the wood becomes hard and the leaves thick and are of a dark green color. Transplant carefully and cultivate well as long as the vines will permit. The fruit will be better in quality if the vines are tied to trellis or stakes. 1 oz. for 1,500 plants;  $\frac{1}{4}$  lb. for an acre.

## LIVINGSTON'S NEW GLOBE

Of beautiful globe shape, with quite a percentage of elongated (stem to blossom) fruits, which permits of a greater number of slices being taken than with flat sorts. among the very first to ripen, although of large size, very smooth, firm-fleshed, few seeds, ripens evenly; color a beautiful glossy rose, tinged purple. Flavor very delicate and agreeable; splendid slicing variety. The fruit is borne on short-jointed, branching plants in great abundance—a good general cropper, and one of the very best for greenhouse growing or first-early crop on stakes or trellis. **Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.75.**

## SPARK'S EARLIANA,

This Tomato is remarkable not only for its earliness, but for its very large size, handsome shape and bright red color. Its solidity and fine quality are quite equal to the best medium



Livingston's New Globe Tomato

and late sorts. From less than 4,000 hills Mr. Sparks realized from his first pickings \$725 clear of freight and commissions. **Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.75.**

## MATCHLESS

In beauty of coloring and symmetry of form, Matchless indeed ranks high. The vines are of a strong, vigorous growth, well set with fruit. The foliage is very rich dark green in color. Fruit is of large size all season, smooth, handsome, marketable, entirely free from core, of a rich cardinal-red color, and not liable to crack from wet weather. Ripe specimens will keep good in condition for two weeks. **Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.**

## STONE

This is the heaviest and most solid fruited of the large Tomatoes of good quality. Our stock is distinctively superior to most of that offered under this name, being more uniform, better colored and larger. Vines vigorous and productive. Fruit round, apple-shaped, very large, very deep red in color and astonishingly heavy. **Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.25.**

## LIVINGSTON'S DWARF STONE

Resembles Livingstone's Stone in color, shape and what is remarkable for an erect sort, it is practically of uniform size. Ten fruits picked from one vine at same time weighed five pounds, three ounces. This was under field cultivation on farm land, with no fertilizer. Specimens weighing one pound are common. It is fully as prolific, and consequently vastly more productive and equally as early as New Dwarf Stone. Especially good for the class of growers whose gardening is limited to a few acres, and where economy in space must be taken into account. **Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.75, by mail, postpaid.**

## CHALK'S EARLY JEWEL

The fruits are uniformly large and thick through, very solid and of fine quality. The plants are very productive, and it is one of the best Tomatoes for main crop. Specimens will measure  $3\frac{1}{2}$  inches across by nearly 3 inches in depth. Color brightest scarlet, ripening right up to the stem. The foliage is rather open, admitting the sunlight to the center of each plant, so that all the fruits are thoroughly ripened; flesh is bright scarlet, very solid with comparatively few seeds, and of fine, sweet flavor; skin thin, but sufficiently strong to ship well. **Pkt. 10 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1, lb. \$3.75, postpaid.**

HOLMES SEED COMPANY, Harrisburg, Pa.

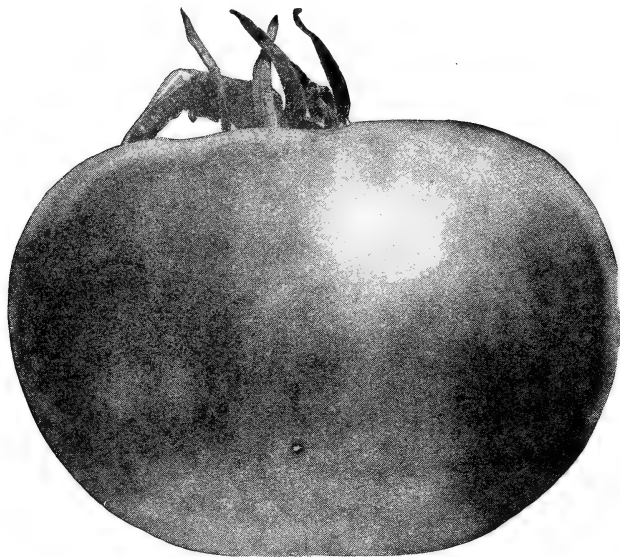
Gentlemen:—You will find order for seed which you will please ship to me by return mail. I have been using your seeds for five years. They are superior to any I can get. (Accompanied order sent in March 12, 1910.) Yours respectfully.

Midway, Tenn.

DR. WM. FOX.



Livingston's Dwarf Stone Tomatoes



Holmes' Early Wonder Tomato

**TOMATOES, continued****CRINE'S JUNE PINK**

An extra-early Tomato, coming in with Earliana, which is of the bright purplish pink known as "Acme Color," so much preferred in some sections to scarlet. The fruit runs very uniform in shape and size, is about 3 inches in diameter and almost round, and is borne in clusters. The flesh is remarkably solid and contains but few seeds. Is finely flavored and free from acidity. Although an extra-early, the plants continue to grow and fruit fairly well through the season, making it a good general-purpose variety. Its smooth, even form can be appreciated by those who slice or pare it. **Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.50, lb. \$5.**

**HOLMES' EARLY WONDER (New)**

A bright red, large and perfectly smooth Tomato, coming in about the same time as the Earliana, but somewhat larger in size and considerable smoother, having very small seed cavities and plenty of meat, ripening entirely to the stem. We believe this to be one of the best varieties grown today for the market-gardener as well as for home-gardener. This Tomato will give you more bushels to the acre than any other variety we know of. The seed is extra large and plump, which makes it easy strained out from the flesh when canning, etc., and seeds are not wanted, starting strong, vigorous plants. **Pkt. 15 cts., 2 pkts. 25 cts., ½oz. 60 cts., oz. \$1, 2 ozs. \$1.75, ¼lb. \$3.**

**DELIVERED FREE IN THE UNITED STATES, UNLESS NOTED**

	Pkt.	Oz.	¼lb.	Lb
<b>Acme.</b> An old, well-known, early variety, medium in size, smooth, solid and prolific; color purplish pink.....	\$0 05	\$0 20	\$0 60	\$2 25
<b>Beauty.</b> Early, prolific; medium-sized, smooth and solid; color purplish red; fruits until late in the season; the best of the "purple" varieties.....	05	20	60	2 25
<b>Buckeye State.</b> Large, solid, meaty; deep purple; a heavy cropper.....		20	60	2 00
<b>Crimson Cushion.</b> Of immense size, 1 to 2 pounds each; smooth, almost seedless and solid as beefsteak; a continuous bearer until frost; color rich crimson-scarlet; quality meaty and superb, either sliced or cooked.....	10	50	1 50	5 00
<b>Dwarf Champion.</b> Of dwarf, stiff, upright growth, scarcely needing support; early and prolific; smooth, medium-sized fruits of pinkish purple color.....	05	30	85	2 75
<b>Early Paragon.</b> Bright red; standard for market and canning.....	05	15	40	1 40
<b>Enormous.</b> Is very large, and of excellent quality. It excels in flavor and firmness. Bright, clean red, very smooth, few seeds. Vines prolific and bear right up till frost.....	10	30	85	2 75
<b>Favorite.</b> A large, handsome and uniform-shaped Tomato; solid, smooth and bright scarlet; ripens evenly.....	05	20	60	2 25
<b>Golden Queen.</b> Large, handsome form, beautiful clear yellow color.....	05	20	50	1 80
<b>Livingston Coreless.</b> Smooth, bright red; immense clusters. One of the attractive features is the entire freedom from the objectionable green core. Desirable for slicing, as well as for canning, ketchup, etc. Mild acid flavor.....	10	25	75	2 50
<b>Perfection.</b> Almost round fruits, smooth, tough skin of brilliant scarlet; ripens thoroughly; solid and of rich flavor; attractive for market.....	05	20	60	2 25
<b>Ponderosa.</b> The largest Tomato of all.....	10	40	1 35	4 50
<b>Trophy.</b> Extra selected; an old favorite.....	05	20	50	1 75
<b>Tucker's Favorite.</b> Fine for slicing and cooking; reddish purple, smooth and fleshy, with few seeds. The vines are strong and vigorous and continue bearing until frost.....	10	25	75	2 50
<b>Yellow Plum, Yellow Pear, Red Pear.</b> For preserving.....	05	25	75	2 50

**TABLE TURNIPS**Weisse Rübe Navone  
Rzoper Crukiew

In fall and winter, stock need Turnips and Rutabagas to keep them in good condition. We cannot too earnestly recommend farmers to increase their sowings largely. There are a great many varieties, but our list comprises the best for the garden or farm.

**CULTURE.**—Sow half an inch deep in rows about two feet apart or sow broadcast. Be sure to have the ground rich and freshly stirred. Be careful to weed and thin out, so the young plants will not be checked and injured. Any overcrowding will result in rough and poorly flavored roots. Get the spring and summer crops started very early. Hot weather causes them to become tough and bitter. In the middle and western states sow for fall and main crop from middle of July to last of August. Best results are obtained by drill culture. To preserve Turnips in good order for winter, store in a cool cellar and cover with sand or turf or put them in a pit where there will be no danger of water standing and cover with straw overlaid with earth sufficiently deep to keep out frost. One ounce for 100 feet of drill; 2 pounds to the acre.

**EXTRA-EARLY PURPLE TOP MILAN**

Similar to the White Milan, except that the roots are a little flatter and a beautiful purple-red on the upper portion. All in all, these Milan Turnips leave little more to be desired in the way of an extra-early garden Turnip. **Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 75 cts.**

**PURPLE TOP WHITE GLOBE**

Globular and nearly as large as the Pomeranian White Globe, of beautiful appearance and the white flesh is most excellent, equally desirable for table or stock. It keeps well and is a fine market sort. **Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 80 cts.**

**COW HORN, or LONG WHITE**

Pure white, except a little shade of green at the top. Carrot-like in form, growing nearly half out of the ground and slightly crooked. It is delicate and well flavored, of very rapid growth, and has obtained considerable favor as a market sort for fall and early winter use. Also for turning under. **Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.**

**EARLY PURPLE TOP STRAP LEAVED**

Early and a great favorite for table use; form flat, thicker, medium size; color purple or dark red above ground, white below; flesh white, fine grained and tender; leaves few, entire, upright in growth. **Pkt. 5 cts., oz. 10 cts., ¼lb. 20c., lb. 50c.**

## General List of Table Turnips

DELIVERED IN THE UNITED STATES, UNLESS NOTED	Pkt.	Oz.	¼lb.	Lb.
<b>WHITE-FLESHED VARIETIES</b>				
<b>Early White Flat Dutch.</b> A standard early, white, flat Turnip.....	\$0 05	\$0 10	\$0 25	\$0 60
<b>White Egg.</b> An oval- or egg-shaped variety; firm; mild and sweet.....	05	10	25	70
<b>YELLOW-FLESHED VARIETIES</b>				
<b>Golden Ball, or Orange Jelly.</b> Medium size.....	05	10	25	70
<b>Yellow or Amber Globe.</b> A yellow-fleshed, globe-shaped variety, of large size.....	05	10	25	70
<b>Purple Top Yellow Aberdeen.</b> Large, globe-shaped.	05	10	25	70
<b>RUTABAGA (Russian, or Swedish Turnip)</b> 2 to 3 pounds to acre				
<b>Improved American Purple Top.</b> Old popular standard; rich flavor.....	05	10	25	70

## SWEET, POT AND MEDICINAL HERB SEEDS

No garden is complete without a few Herbs for culinary or medicinal purposes. These should be harvested on a dry day, just before they come into full bloom, then dried quickly and packed closely, excluding the air.

**Anise** (Grüner anis). For garnishing, cordials and flavoring.

Pkt. 5 cts., oz. 20 cts.

**Balm** (Citronen Melisse). For tea and balm wine; useful in fevers. Pkt. 5 cts., oz. 20 cts.

**Basil, Sweet** (Basilikum). The leaves and tops of the shoots are used for highly seasoned soups, stews and sauces; a leaf or two is sometimes placed in salads. Pkt. 5 cts., oz. 20 cts.

**Caraway** (Feld Kinunel). The aromatic seeds are used in confectionery, cakes and medicine. Pkt. 5 cts., oz. 20 cts.

**Castor Oil Plant** (*Ricinus Communis*). This seed yields castor oil. Pkt. 5 cts., oz. 15 cts., ¼lb. 30 cts., lb. 80 cts.

**Coriander.** For garnishing, the seeds are aromatic; used for flavoring. Pkt. 5 cts., oz. 20 cts.

**Dill.** The aromatic seeds are used in pickles, preserves, soups, sauces. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 60 cts.

**Fennel** (Fenchel). The leaves boiled enter into many fish sauces, and are beautiful for garnishing; the seeds are em-

**Fennel** (Fenchel), continued

played in confectionery and for flavoring liquors. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

**Horehound.** For tonic and cough. Pkt. 5 cts., oz. 30 cts.

**Lavender** (Lavendel). A popular aromatic herb, emitting a delightful perfume. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

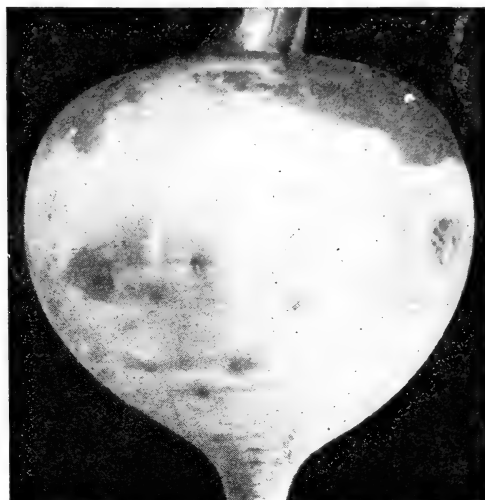
**Marjoram, Sweet** (Majoran). Used for seasoning; it is usually grown as an annual. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts.

**Sage.** (Solbei) The leaves are used in dressings and in sauces. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.60.

**Savory, Summer.** Used for seasoning and flavoring soups and dressings. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts.

**Savory, Winter** (Bohnen Kraut). A hardy perennial; leaves are used for flavoring. Pkt. 5 cts., oz. 20 cts.

**Thyme, Broad-Leaved** (Thymian). The leaves are dried for seasoning; also useful as a bee food. Pkt. 5 cts., oz. 30 cts., ¼lb. 80 cts.



Purple Top White Globe Turnip

## HOLMES' SPECIAL GRASS MIXTURE

### For Permanent Pasture and Hay

Our famous mixture is becoming more generally used each season by progressive and successful farmers who desire permanent pasture. Its formula is based upon years of successful experience. It thrives well on all soils and is not seriously affected by the different climatic conditions. Not only pasturing well, it can be cut for hay and will make excellent grazing afterward. If not pastured it will produce two heavy crops of hay in a season, doing better than timothy. By all means plow up and seed those old and worn fields; you can soon be cutting heavy crops from **Holmes' Permanent Pasture Mixture**. Sow 50 pounds to acre. In ordering state whether for light or heavy soil. Should you desire a **Special Mixture** for renewing old pastures, etc., write us and we will give information. **Lb. 25 cts., by mail, 35c.; bus. of 15 lbs. \$2.50, bus. of 20 lbs. \$3.50, 100 lbs. \$15.**

## HOLMES' SUPERIOR RE-CLEANED CLOVER SEEDS

### ALSIKE, or HYBRID CLOVER

The hardest of all; sometimes called Giant White Clover. It is adapted for permanent pastures or for hay crop. Never heaves or throws in the winter; thrives equally well on wet or dry soil, through extreme droughts or excessive rains. Blossom-heads round, flesh-colored, sweet and fragrant, much liked by bees. Sow 10 to 20 pounds per acre in spring or fall. May be sown with Red or Mammoth, tends to insure good stands and better crops than sowing alone. **Lb. 35 cts., postpaid. Prices on all Clovers fluctuate, write for prices in quantity.**

### RED MEDIUM

Common Red Clover. We shall be pleased to quote prices.

### MAMMOTH, or PEA-VINE

This grows much taller than Red Medium, with larger, leafier stalks, and large, slightly pointed leaflets. Prices quoted on application. **By mail, either Mammoth or Red Medium at lb. 40 cts., 3 lbs. \$1.10. Write for price per bushel.**

### WHITE DUTCH CLOVER (*Trifolium repens*)

This thrives in almost any soil and climate, succeeding equally well on heavy, moist land and thin, dry hillsides. It is of low, creeping growth and most valuable both in pasture mixtures and for green velvety lawns. It is not suited to making hay. Try some on a small plot, to see what it like. **Lb. 40 cts., postpaid; by express, lb. 35 cts.**

**The Clovers as Soil Improvers.** Like all leguminous plants, the Clovers largely draw nitrogen from the air for their sustenance. Their roots penetrate deeply, drawing from the subsoil; much of this plant nutriment is left in the soil. A Clover crop will leave a field 25 per cent more productive than it found it. Clover, intelligently used, is the farmer's best friend. It not only furnishes most nutritious feed, but builds up worn-out lands cheaply in a rotation of crops.



## HOLMES' SUPERIOR RE-CLEANED GRASS SEED

	BY FREIGHT OR EXPRESS		
	Bus.	Lb.	100 lbs.
<b>Awnless Brome Grass</b> ( <i>Bromus inermis</i> ). Will stand long droughts and produce heavy crops in dry sections. Especially desired for permanent pasturage. (14 lbs. per bus.).....	\$2 60	\$0 20	\$16 00
<b>Canada Blue Grass</b> ( <i>Poa compressa</i> ). Useful for sowing on hard clay and poor soils. (14 lbs. per bus.)...	1 75	14	11 00
<b>Creeping Bent Grass</b> ( <i>Agrostis stolonifera</i> ). Excellent for lawns; thrives on moist lands (bus. 20 lbs.)...	4 75	25	22 00
<b>Crested Dog's Tail</b> ( <i>Cynosurus Cristatus</i> ). An excellent grass for hard, dry soils, valuable for pastures and lawns. (21 lbs. per bus.).....	8 75	40	38 00
<b>English Rye Grass</b> ( <i>Lolium perenne</i> ). Nutritious, vigorous; for meadow and pasture. (bus. 24 lbs.)....	2 50	13	9 00
<b>Hard Fescue</b> ( <i>Festuca Duriuscula</i> ). One of the most desirable dwarf grasses, excellent for dry soils and shady places. (12 lbs. per bus.).....	2 50	22	18 00
<b>Italian Rye Grass</b> ( <i>Lolium Italicum</i> ). A valuable European variety, adapted to any climate, and produces large and nutritive crops. (18 lbs. per bus.).....	2 25	13	9 50
<b>Kentucky Blue Grass</b> ( <i>Poa pratensis</i> ). Well known and extensively grown in all parts of the country; used for lawns. (14 lbs. per bus.).....	2 40	20	18 00
<b>Meadow Fescue</b> ( <i>Festuca pratensis</i> ). Fine permanent pasture, heavy and nutritious. (bus. 22 lbs.)....	6 25	30	28 00
<b>Meadow Foxtail</b> ( <i>Alopecurus pratensis</i> ). One of the earliest and best pasture grasses, grows rapidly when cut or eaten down by stock. (7 lbs. per bus.).....	2 00	30	22 00
<b>Orchard Grass</b> ( <i>Dactylis glomerata</i> ). A valuable pasture grass, adapted for growing in shady, moist places under trees, etc. (14 lbs. per bus.).....	2 50	22	18 00
<b>Perennial Rye</b> ( <i>Lolium perenne</i> ). Nutritious; for meadow or permanent pasture. (bus. 14 lbs.)....	1 90	13	9 00
<b>Red, or Creeping Fescue</b> ( <i>Festuca rubra</i> ). Valuable for lawns. (14 lbs. per bus.).....	3 25	25	22 00
<b>Red Top Grass</b> ( <i>Agrostis vulgaris</i> ). Valuable for either pastures or lawns. (14 lbs. per bus.).....	1 65	14	11 00
<b>Rhode Island Bent Grass</b> ( <i>Agrostis canina</i> ). Valuable for either pastures or lawns. (14 lbs. per bus.)	4 00	30	22 00
<b>Sheep's Fescue</b> ( <i>Festuca ovina</i> ). Excellent for sheep pasture; 6 to 10 inches high. (bus. 12 lbs.)....	3 00	25	20 00
<b>Sweet Vernal, True Perennial</b> ( <i>Anthoxanthum odoratum</i> ). It should be sown in connection with other grasses for pastures or lawns. (10 lbs. per bus.).....	7 00	80	70 00
<b>Tall Meadow Oats Grass</b> ( <i>Avena elatior</i> ). This is a valuable variety for pastures. (10 lbs. per bus.)...	2 00	22	20 00
<b>Timothy</b> ( <i>Phleum pratense</i> ). A variety producing a profitable hay crop in almost any soil. ½ bushel per acre. Our seed is free from weeds seed and of high germinating power. (45 lbs. per bus.).....	2 75	8	5 25
<b>Wood Meadow Grass</b> ( <i>Poa nemoralis</i> ). A very productive grass, adapted for lawns or pastures. Thrives well under trees. (14 lbs. per bus.).....	8 00	60	58 00

### Crimson, or Scarlet Clover

For description, see page 36.

### Alfalfa, or Lucerne Clover

Alfalfa gives more cuttings and a larger tonnage to the acre than any other clover. This is the great Clover of the West which is now coming into prominence in the East. Sown in fall during September, cuttings commence as soon as it attains a fair growth, before it comes into bloom. With anything like seasonable weather it will give two or three cuttings throughout the first year. Alfalfa will not succeed on wet soils. The roots are very long, penetrating the ground until they strike water, making it extremely valuable in dry seasons.

Sow 15 to 20 pounds of seed per acre. **Lb. 35 cts., postpaid; by freight or express, lb. 20 cts., bushel of about 60 lbs. about \$11. Write for prices.**

Better ask for cultural book complete before sowing. As a good stand lasts as long as an apple tree, it is important to start it exactly right.

### Sainfoin (*Hedysarum bifera*)

A valuable perennial for the southern states; quite hardy after it becomes established. It has strong deeply branching roots, and will succeed in very dry soils, sand, and even in gravel. Sow 2 to 3 bushels per acre. Bushel weighs about 24 pounds. **Lb. 25 cts., postpaid; by express or freight, lb. 15 cts., 10 lbs. or more at 10 cts. per lb.**

### Special Grass and Clover Mixture for Various Uses

We have requests from our customers to put up mixtures to suit their needs, for shady places, golf course mixtures, terraces and steep slopes, putting greens, or for soils in which certain peculiar conditions exist. We are headquarters for lawn mixtures and can fit any sort of land. We shall be pleased to quote prices on any special mixtures, also give any information desired.

# HOLMES' EXTRA-SELECTED FARM SEEDS

Fully realizing the great importance of supplying the farmer with the highest quality of **Farm Seeds**, we have given this branch of our business special study, exercising the greatest care in **growing and securing seed of the highest standard in purity and quality—fully matured, plump, sound, fresh and clean.** The care exercised in selecting our seeds has given **Holmes' Field Seeds** an enviable reputation, and today our house is recognized as headquarters for the most reliable field and grass seeds. For Insecticides and Weed Killers see page 63.

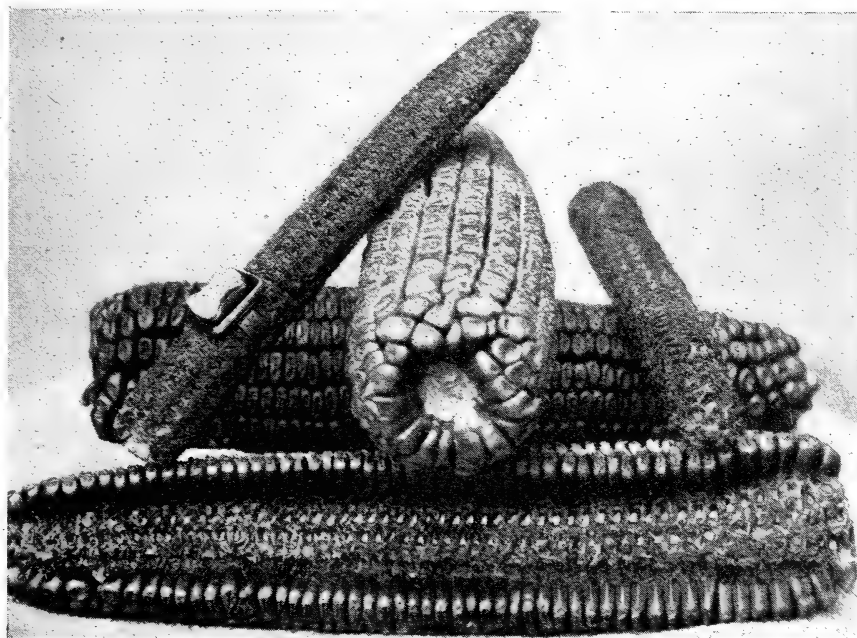
## Holmes' Thoroughbred Field Corn

Our seed is well cured and true to name. It pays to renew your seed stock of Field Corn. Do not inbreed. It will cut down your yield and you will not know why. Varieties offered have all been grown from finest selected stock seed which was picked in the field. Long grains, small cob, long ear, well-filled tip, well-filled butt, grains uniform from end to end of cob, vigorous stalks, two and three perfect ears to each stalk, ears borne high above the ground—these are some of the important things to watch in getting seed corn, and in order to be sure about them all the ears have to be picked while the corn is growing. Even the stalks from which seed ears are pulled should be carefully chosen, because of superior form and growth. All of our seed is planted, grown, harvested and raised with these things in mind, and practiced, and it is good seed in every way.

### Holmes' Early Golden Surprise 90-DAY FIELD CORN

#### GROWN BY THE ORIGINATOR

Incomparable in solidity, uniformity, development of the tip and butt, extraordinary yield, universal satisfaction. Its vitality is so great that neither wet nor dry weather noticeably influences its growth and maturity. Produces a great quantity of superior quality shelled corn on account of extreme smallness of cob and depth of grain. Cobs may be encased in an ordinary finger ring, as illustrated. Rich golden color. 35 pounds of ears produced 31½ pounds of shelled corn. Vigorous grower, with short, strong stocks and an abundance of foliage, which makes excellent fodder. It matures uniformly in **90 days from planting. Large pkt., by mail, postpaid, 10 cts., lb. 30 cts., 3 lbs. 70 cts.; by freight or express, not prepaid, qt. 15 cts., pk. 75 cts., ½ bus. \$1.25, bus. \$2.25. Prices subject to change without notice.**



Holmes' Early Golden Surprise

### IMPROVED MASTODON

One of the largest-eared varieties of early Dent Corn, and has largest grains. Nothing surpasses it in number of rows on cob, and in depth of grain. It makes fine-looking shelled Corn. This corn was ripened in 110 days within eight miles of Lake Erie. **Qt. 15 cts., 4 qts. 40c., pk. 75 cts., bus. \$2.**

**Iowa Gold Mine.** Ears are not excessively large, but of good size. Color a bright golden yellow. Grain deep, cob small and dries out nearly as soon as it ripens. **Qt. 15 cts., 4 qts. 35 cts., pk. 60 cts., bus. \$2.**

J. W. FOSTER, of Daretown, N. J., writes: "Your letter received; in answer would say the Holmes Prolific Lima Bean has done fine. First planting not many came up; I then planted in boxes and transplanted them and they are first rate, best crop I ever had."

MRS. N. W. CAMPBELL, Weyer's Cave, Va., R. F. D. No. 2, Box 8, writes: "Your letter received asking about may success with the Green Prolific Lima Bean. I think they did splendid. We have had a very dry summer and fall and out of the sample package I picked three quarts and they are very fine."

**Your Particular Attention** is directed to Long's Storm King Oats. It is, beyond a doubt, the finest oats which can be grown in United States in matter of plant, yield, weight, straw and adaption to any soil. It was brought direct from Tartary, which is the home of oats. We heard about it there, and saw the first seed brought here. This we watched growing—noting the effect of many different soils, of hard storms, and of dry weather on it,—and saw that here was a prize for our farmers. There is but a few hundred bushels of seed in United States, and all this has been secured for our customers. If the description gives all the information needed, will be glad to fill your order at once. If you want to know anything else about this oats, we want you to write to us, or come to see us. Samples mailed on application.



## FIELD CORN, continued

### GOLD STANDARD LEAMING

We have increased the size of ears and percentage of grain by breeding from the original J. S. Leaming Corn; also depth and roughness of kernel, and feeding value by increase of protein and fat. The ears range from 9 to 11 inches long,  $7\frac{1}{2}$  to 8 inches in circumference, weighing 12 to 17 ounces. The stalks range from 9 to 12 feet in height, are well developed below the ear and slender above. They are very valuable for ensilage, and thrive well on soils where many other varieties fail. It is an immense yielder. **Qt. 15 cts., 4 qts. 35 cts., pk. 60 cts., bus. \$2.**

**Reid's Yellow Dent.** The ears are large and deep-grained. Color a deep yellow. Generally produces two ears to a stalk. **Qt. 15 cts., 4 qts. 35 cts., pk. 60 cts., bus. \$2.**

**Golden Beauty.** Large, broad grain, small cob, rich golden yellow color. **Qt. 15c., 4 qts. 35 cts., pk. 60 cts., bus. \$2.**

**Holmes' Early Golden Dent.** Extra-early, beautiful golden yellow color. Golden Dent is in demand with feeders who want something to be used as a starter for stock fed in the pastures during the fall. Will make good ears. **Qt. 15 cts., 4 qts. 40 cts., pk. 75 cts., bus. \$2.**

**Pride of the North.** Used in northern latitudes. Stalks short-jointed and leafy. Kernels are very deep, closely set on the ear. **Qt. 15 cts., 4 qts. 40 cts., pk. 75 cts., bus. \$2.**

**Holmes' Snowflake.** A pure white seed Corn, adapted both to the North and South. **Qt. 15 cts., 4 qts. 40 cts., pk. 75 cts., bus. \$2.**

**White Cap Yellow Dent.** Very early and a great yielder. The cap of the Corn being white and the balance pale yellow combines earliness and hardness. Ears 8 to 10 inches in length and well filled. **Qt. 15 cts., 4 qts. 40 cts., pk. 75 cts., bus. \$2.**

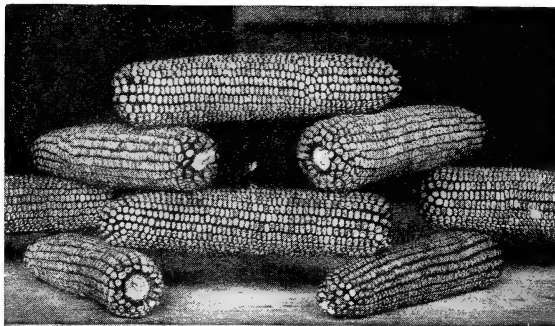
**Holmes' Giant Ensilage.** Immense yield of stalk and good ears. Makes fine feed for stock. **Pk. 50 cts., bus. \$1.75.**

**Red Cob Ensilage.** Grows very tall and leafy. Grain white, cob red. **Pk. 50 cts., bus. \$1.75.**

**Sweet Fodder Corn.** Will mature ears in any part of the country. Nothing can make better feed than this. Feed ears and all. **Pk. 65 cts., bus. \$2.25.**



Long's Storm King Oats (see illustration, front cover)



Holmes' Early Golden Dent Corn

## SEED OATS

### IMPROVED WHITE TARTAR

Outyields nearly all others and is the very very best for all-round purposes. Earliest variety grown with long straw, usually averaging 4 to 5 feet and rust-proof. Succeeds well on all soils. Golden yellow color. Grains white with golden cast. Withstands stormy weather without lodging or falling off of grains. A measured bushel weighs from 36 to 42 pounds. **Lb. 25 cts., 3 lbs. 65 cts., postpaid; by freight or express, pk. 40 cts., bus. of 32 lbs. \$1.50, 2 bus. or more at \$1.35 per bus. Special price on large quantities.** See page 35.

### LONG'S STORM KING

See front cover of our catalogue. Last year Mr. Isaac Long, a successful, scientific and widely known farmer, imported this remarkable Oats from Tartary. We have named it Long's Storm King because it stood up completely and perfectly during very heavy storms the month preceding oats harvest. It was then 4 to 6 feet tall. It yielded over 100 bushels to the acre and weighed 45 lbs. to the measured bushel,—clean and bright, no smut. There were 190 to 250 grains to each head. Greatest drought-resister known, and Mr. Long's crop shows it is the greatest yielder ever brought here. The illustration shows Mr. Long holding a small sheaf. Note the wonderful length of the straw and heaviness of head. **Lb. 35 cts., 3 lbs. 75 cts., postpaid; pk. 65 cts., bus. of 32 lbs. \$2.25, 2 bus. sack \$4, 10 to 20 bus. at \$1.75, 21 to 50 bus. at \$1.60 per bus.**

### BIG FOUR

This very handsome and very white Oat of great productiveness has become very popular in many sections of the United States. **Pk. 40 cts., bus. of 32 lbs., \$1.35.**

### BARLEY

**Beardless.** This variety is free from beard. **Lb. 20 cts., postpaid; by freight or express, pk. 50 cts., bus. \$1.50.**  
**Triumph.** A distinct bearded 6-rowed variety. Free from smut, straw stiff and erect. No Barley can approach it in yield. **Lb. 30 cts., postpaid, by freight or express, pk. 75 cts., bus. of 60 lbs. \$2.25.**

## SEED WHEAT

We sell hundreds of bushels of the best and most improved varieties of seed Wheat every year which have attained a very high reputation on account of their cleanliness and superior quality. We will take pleasure to quote prices for fall or spring planting. Send for our Wheat Catalogue.

**SASKATCHEWAN FIFE SPRING WHEAT.** A favorite for spring sowing; vigorous and productive; best variety for flour making. **Price, qt. 15 cts., pk. 75 cts., bus. \$2.50.**

### SUNFLOWER

**Mammoth Russian.** Makes large heads; valuable for poultry. **Qt. 30 cts., postpaid; by freight or express, pk. 75 cts., bus. \$2.25.**



Improved White Tartar Oats  
For description, see page 34

## BUCKWHEAT

**Japanese.** Is much superior to the common Buckwheat. The yield is far greater and it makes a superior flour. Is used as a poultry food. Sow one bushel (48 lbs.) per acre broadcast. Lb. 25 cts., 3 lbs. 60 cts., postpaid; freight or express, pk. 50 cts., bus. \$1.75.

**Silver Hull.** The grains are of a silvery gray color, making a

white flour. Prices same as Japanese.

## BROOM CORN

**Improved Evergreen.** Best variety for general cultivation, on account of color and quality of brush; ripens very early, grows about 8 to 10 feet high; brush of good length, fine and straight, and always of green appearance when ripe. Lb. 25 cts., postpaid; by freight or express, qt. 20 cts., pk. 75 cts., bus. \$2.50.

## KAFFIR CORN (White)

Used principally for feeding pigeons, poultry, etc. The fodder may also be fed green or dry to the dairy cows. Sow from June to July; 5 to 8 lbs. per acre broadcast. It grows from 4 to 5 feet high, and is a tremendous producer of seed. Qt. 10 cts., pk. 45 cts., bus. (56 lbs.) \$1.50.

## RYE

**White Winter Rye.** It is much hardier than wheat and can be grown on a greater variety of soils. It is not only grown for grain, but for straw and soiling purposes. Plowed under when about 6 inches high, it is in condition to add great fertility to the soil. Rye can be cultivated longer on the same land than any other crop. Can be sown at the last working of corn. Sow at the rate of  $\frac{1}{2}$  bushel to the acre. Pk. 75 cts., bus. \$1.50.

**Spring Rye.** True stock. Spring Rye is an excellent catch crop where winter grain has been killed out, or where a fall crop has not been planted. Pk. 75 cts., bus. \$1.50.

## TIMOTHY SEED

Holmes' "Eclipse Brand." Is strictly Minnesota-grown. See our samples before purchasing.

# MANURIAL CROPS

Modern agricultural practice proves that it is far more economical and desirable to grow the nitrogen fertilizer for soil than to attempt to produce this in the form of manure, especially on large farms or where much live stock is not kept. The farmer who is getting poor yields because of impoverished soil is doing a great injustice to himself. The chief thing it needs is organic matter, and if he cannot afford to give enough of this in the form of manure, he can afford to grow and turn down certain good cover crops for fertilizing.

Chief among them are the legumes and members of the pea and bean family, for the reason that the little nodules or lumps of their roots are composed to a great extent of free nitrogen of a kind that is most available for plant growth, and which, when bought commercially, will cost the farmer at least fifteen cents per pound. The clovers of various kinds, such as the Mammoth Clover, Red Clover, Alfalfa, Alsike and the sweet clovers are beneficial as soil renewers, and in addition to these there are other members of the great family of Leguminosæ which have their proper place and should not be ignored. Cow-Peas, Soy Beans, and in fact peas and beans of all kinds, Sand and Spring Vetch, Sainfoin, Kidney Vetch, Yellow Lupine and other Legumes have the power of catching nitrogen from the atmosphere and transforming it into available form for the plant growth.

Where soil is even too thin or poor in quality to grow Red Clover, Sand Vetch or Alsike can be started, and after growing these crops the Red Clover can then be grown with success. As an orchard cover crop nothing is better than Crimson Clover, which is becoming the most satisfactory cover crop for orchards in this country. The poor man who would enrich his soil should do so, not by expensive commercial fertilizers, but by growing Legumes and turning them down. If this is done, he can then add lime, phosphoric acid in the form of acid phosphate, and potash in the form of Kainit or wood-ashes, and will find the soil then to contain fairly well-balanced rations for plant-food, and be rich and productive in a few seasons.

## COW PEAS

Can be grown in all parts of the country where dent corn succeeds

It is one of the best for temporary pastures. As a grazing crop it is valuable for producing milk, growing young stock and fattening all kinds of domestic fowls and animals. Effective fertilizing plant, and can be used as a green manure crop at any time during the summer and in almost every crop rotation. Can be grown on greater variety of soils than any other Legume.

**Large Black Eye.** Extremely early variety, matures peas in six to eight weeks.

Prices for small quantities, pkt. 10 cts., pt. 25 cts., qt. 45 cts., by mail, postpaid. On larger quantities by freight or express write for prices. Prices range from about \$2.25 to \$3.50 per bus.

**Black.** Quicker to mature than other varieties and better adapted for late planting or for growing north of Virginia.

**Clay.** Tall, erect, large dark green leaves; stems of vigorous growth; pod large and yellow; seeds kidney-shaped, medium size, cream-colored; medium to late in ripening.

**New Era.** A very regular variety, erect and not inclined to run; matures in 60 or 75 days.

**Whippoorwill.** Usually an erect grower and rarely climbs; pods gray, long and full; seeds large, nearly spherical, mottled red and white; matures early. One of the best for late planting and growing.

## SOJA BEANS

The Soja Beans take the place of clover where the soil is not fertile, both for hay and for fertilizing purposes. It is a sure cropper. Ordinary yield of beans 25 to 40 bushels per acre. They are one of the richest of natural stock foods. Sow about one bushel per acre, either broadcast or drilled.

**Mammoth Yellow.** Pk. 75 cts., bus. (60 lbs.) \$2.75.

## DWARF ESSEX RAPE

This plant is extensively grown for sheep forage, and for green manure. There is perhaps no better plant where a quick rank growth is desired. Farmers who desire to get young cattle, sheep or lambs into favorable condition to be sold advantageously in the fall, can do it most cheaply by growing this. Three pounds of seed per acre, in rows or broadcast at the rate of six pounds to the acre. Our stock is the true Essex Dwarf. Lb. 10c., bus. (60 lbs.) \$5, 100 lbs. and over at 8 cts.

## CRIMSON CLOVER

Crimson Clover will increase the productiveness of land more than twenty times as much as the same amount spent in commercial fertilizers. Can be used as a winter and spring grazing crop—makes a good hay crop—the best of early green feeds—prevents the winter leaching of the soil. Lb. 12 cts., bus. about \$5. Write for prices.

## SORGHUM, or SUGAR CANE

Sorghum is a sweet fodder of most luxuriant growth. There is no better feed for horses—very nourishing, fattening and keeps the bowels open, and can be safely fed at any stage of growth. Fed to cows proves a great milk producer, and is a wonderful feed to fatten hogs. Gem Sorghum will produce as high as twenty tons per acre, and two or three cuttings in a single season. Order seed early so you can sow when not too late. Early corn planting in your section is the time to sow.

**Early Amber.** This variety grows from 11 to 12 feet in height, and anywhere it can be planted by the first of May. The seed ripens almost invariably, affording an excellent food for stock and poultry. Lb. 20 cts., 3 lbs. 55 cts., postpaid; by express, qt. 20 cts., pk. \$1, bus. \$2.50.

**Early Orange.** Largely planted in the warm southern states where the season is longer than that required to mature Early Amber. Lb. 20 cts., 3 lbs. 55 cts., postpaid; by express, qt. 20 cts., pk. \$1, bus. \$2.50.

**Early Gem.** This is a strong grower and will outyield any other Sorghum; is highly recommended as a feed for horses and cows. Bus. \$3.



German Millet

## FIELD PEAS

"Peas could be made to bring more nitrogen to the soils of this country every year than is now purchased annually by the farmers at the cost of millions of dollars."—Year book of the U. S. Department of Agriculture. The above statement gives something to think about. Grain has been grown year after year on many farms, sapping the life and fertility of the soil. Peas are second only to clover in their soil-enriching properties, and can be grown under almost any condition. The vines make rich, nutritious hay.

## CANADA FIELD PEAS

A small-seeded very hardy Pea which is valuable to sow early in the spring, in connection with stiff-strawed oats, to produce green foliage for making ensilage, or to turn under. Pk. 75 cts., bus. (60 lbs.) \$2.50, 10 bus. at \$2 per bus.

**Large Marrowfat.** Growth immense. The best of the Field Peas for hay. Pk. \$1, bus. (60 lbs.) \$3.25, 10 bus. at \$3.10 per bus.

## SPRING VETCH

Used for the same purpose as the Sand Vetch, but will not thrive on poor soil or withstand extremes of weather as successfully. Sow with oats, using a bushel of each an acre. Large pkt. 5 cts., lb. 20 cts., postpaid. By freight, lb. 10 cts., 10 lbs. 6 cts. per lb., bus. \$2.75, 100 lbs. \$5. Bags free.

## SAND, HAIRY, or WINTER VETCH

A large-yielding and nutritious winter forage crop; splendid for grazing and soil-improving. It is very hardy, is valuable as a winter cover crop to prevent leaching. It is an annual but resows itself and will come up year after year on the same ground. Thrives on poor, light land and stands extremes of drought, heat and cold. It may be sown either in the spring or fall with about half a bushel of rye or oats for support. Valuable where clover does not thrive. The Department of Agriculture estimates the value of an acre of this Vetch plowed under equal to commercial fertilizer at the rate of \$16 to \$40 an acre. 1 to 1½ bushels of seed required to the acre. Large pkt. 5 cts., lb. 20 cts., postpaid. By freight, lb. 15 cts., 10 lbs. 12 cts. per lb., 100 lbs. \$10. Bags free.

## MILLETS

There is nothing like Millet for sowing to fill up the shortage in your hay crops. It can be sown up to the middle or end of July, and makes a valuable catch crop.

**German, or Golden Millet.** Matures about two weeks later than common Millet. The seed we offer is southern-grown, and will produce more than double the quantity of fodder usually got on the same ground. 4 to 5 feet high. Sow one bushel to the acre. Lb. 20c., 3 lbs. 50c., postpaid; by freight or express, bus. (48 lbs.) \$1.75. Price subject to change.

**Pearl Millet, or Pencillaria.** Entirely different from the ordinary Millet, sold recently at high prices as Pencillaria. An immense fodder yielder, attaining a height of 8 to 10 feet; highly recommended by the United States Department of Agriculture. Can be cut several times during a season. Sow 10 pounds to the acre. Lb. 30 cts., 3 lbs. 75 cts., postpaid; by freight or express, 10 lbs. \$1, bus. (50 lbs.) \$4.50.

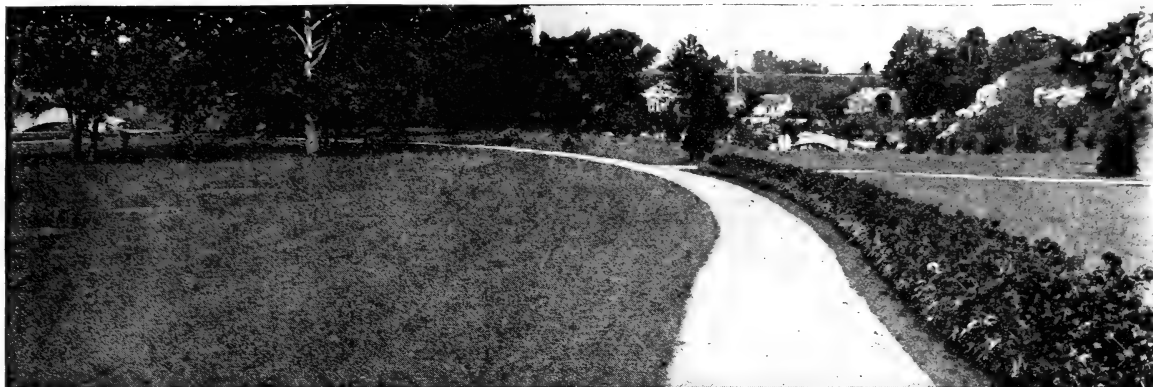
**Siberian Millet.** Rapidly becoming the most popular of all Millets. Very productive; grows 4 to 5 feet. Withstands drought wonderfully. Lb. 25 cts., 3 lbs. 60 cts., postpaid; by freight or express, 10 lbs. 75 cts., bus. (50 lbs.) \$2.

**Common Millet.** Best quality. Bus. (48 lbs.) \$1.50.

**Japanese Millet.** Particularly valuable in the northern states as a quick-growing forage and ensilage crop. 6 to 8 feet, yields 10 to 18 tons of green fodder per acre. Cattle consume it without waste before touching green corn fodder, and cows fed on it invariably increase in milk. Two parts of the Millet with one part Soja Beans form a complete balanced ration that may be fed without grain. Use 10 to 12 lbs. per acre. Lb. 12 cts., 10 lbs. \$1, 100 lbs. \$9.

## HUNGARIAN GRASS

A very valuable forage plant of the Millet family, but not so coarse. Sown and cultivated same as millet, and quite a favorite with stockmen. Lb. 20 cts., postpaid; by freight or express, 10 lbs. 50 cts., bus. (48 lbs.) \$1.75.



## Choice Lawn Grass Seed Mixtures

**A Few Words Here.**—The seedsman is always censured if weeds come up in the lawn. We invariably purchase the finest grasses we can obtain, either here or abroad. Weed seeds are carried by birds and by the manure you put on the soil. Even if you plant nothing, weeds will come. We know of soil which was excavated at a depth of seventy feet and inside one month was covered with a magnificent growth of numerous weeds.

### MAKING AND CARING FOR THE LAWN

**Preparing and Manuring the Ground.** In making a new lawn, all grading, tree planting and laying out of walks and drives should be done first. The ground should be thoroughly dug or plowed to a depth of 10 or 12 inches, after which some good fertilizer—pure ground bone is especially recommended—should be applied at the rate of 600 to 800 pounds per acre. The ground should be fine and perfectly smooth and even.

**Sowing the Seed, Rolling and Weeding.** The best time for sowing grass seeds is in Spring, from February to May, or if in Fall, from September to November, using on small plots at the rate of one quart of seed to each 15 square feet, and for large lawns, golf links, tennis, cricket and croquet grounds, use at the rate of eighty pounds of seed per acre, and for putting greens, 100 pounds of seed per acre. After the seed has been sown broadcast the ground should be thoroughly rolled; or, on small places, beaten with the back of a spade to "firm" the surface and press the seed into the soil. Annual weeds, natural to the soil, will appear before the young grass becomes established; none of these should be allowed to ripen their seeds.

**Renovating Old Lawns.** This should be done either in the spring or early fall, by raking the soil where bare spots occur, and sowing seed, taking care that it is not covered too deep, and also to roll or pat the surface smooth with a shovel.

**Cutting, Feeding and Watering.** When the grass has attained a height of 4 inches it should be mown, care being exercised not to cut it too close. Frequent rolling and mowing will make the turf close and compact, strengthen the grass and render the lawn smooth and attractive. Lawns require frequent feeding and watering to keep up their vigor. We recommend **Holmes' Lawn Dressing** as the best fertilizer for nourishing lawns.

**Top-dressing in Fall.** A coating of wood ashes and ground bone in the late fall is very beneficial and gives the lawn a good start in the spring. It is also advisable to roll the lawn after the last cutting in the fall; it prevents much of the young growth from freezing out at the roots.

### HOLMES' CAPITOL PARK LAWN GRASS SEED

A good lawn once made will last for years if the right material is used and the work properly done. Our Capitol Park Lawn Seed has been thoroughly tested in all parts of the country and gives perfect satisfaction. Its use will insure beautiful, green, smooth, velvety sward, which is often ready for cutting in from four to six weeks. Composed of fancy, re-cleaned domestic and foreign grasses best adapted for a perfect and enduring lawn. No more sodding, once Capitol Park Lawn Seed is used, for, if directions are followed, you are sure of good results. Lawn seed can be sown at almost any time, from early spring to late in the fall. **Qt. 25 cts., 2 qts. 45 cts., (add 5 cts. per quart extra if sent by mail), seed in bulk, by freight or express, pk. \$1.25, bus. of 20 lbs. \$4.**

### HOLMES' SHADY NOOK LAWN MIXTURE

The beauty of many lawns today is marred by the unsightly bare spots under shade trees, shrubbery and close to walks, due to all-day shade. Unfortunately the regular Lawn Grass Seed will not thrive well in shady places, but we have, by long experience in the study of grasses and their growing natures, succeeded in making a special mixture that will produce a velvety green sod in the very shadiest nooks and corners. The special grasses that are used in this mixture are mostly imported and high-priced, and we can recommend this variety to our most critical trade. The grasses are all fancy re-cleaned and we make the prices as low as possible consistent with the quality offered. Ground that is densely shaded is usually covered with moss and clumps of coarse grasses, which should be removed and the ground covered with slaked lime before sowing our special mixture. **Qt. 35 cts., postpaid; by freight or express, qt. 30 cts., 4 qts. \$1, pk. \$1.60, bus. of 20 lbs. \$5.50.**

### HOLMES' GOLF LINKS MIXTURE

For some years past we have made up a special mixture of grasses adapted specially for golf courses. This mixture is composed of grasses that produce in a very short time a permanent, low-growing, tough green sward of beautiful appearance. By the use of our famous mixtures for fair greens and putting greens, a permanent turf can be produced in a very short time. **Lb. 25 cts., by mail 35 cts., by freight or express, bus. of 15 lbs. \$2.25, bus. of 20 lbs. \$3, 100 lbs. \$14.**

### HOLMES' TERRACE MIXTURES

A mixture of grasses best adapted for sloping ground and terraces. Has deep, spreading roots that hold embankments and cover terraces with a beautiful green turf. **By freight or express, bus. of 20 lbs. \$5.**

### HOLMES' SPECIAL MIXTURE

FOR TENNIS-COURTS, CROQUET-GROUNDS, ETC.

A special mixture made from our own formula, producing a turf that will stand rough usage. **By freight or express, qt. 30 cts., pk. \$1.60, bus. of 20 lbs. \$5.50.**



# HOLMES' FLOWERS

Flowers are so inexpensive, and so easy to have, that they are not generally appreciated in proportion to what they do to make a place comfortable and beautiful. Even one or two sorts near a house, the small ones in beds and the larger plants standing alone, will do wonders toward lighting the place up and making it more homelike and habitable.

And a larger collection properly grouped and arranged over a lawn or garden, will make of most any place a beautiful home such as you pause to admire in your travels. Such a home with its flowers and the pleasant associations which go with them, will make you glad you have a chance to live there, and you will be proud you own it.

Much expense, much time or much space are not required—just a judicious arrangement of flowers and grasses that grow from seed each year—of annuals and perennials, hardy roses, flowering bulb plants, hedge plants and climbing things. In their correct placing lies more than half the charm. If you are puzzled about how to plant we will be glad to advise you without charge. We have a complete Landscape Gardening Department which is equal to any you would pay much for in laying out your grounds and telling you what plants to use and their cost. No matter how small or how big your idea of planting is, submit it for our plan.

Immediately following are listed the less-known flowers which grow from seed. These are given a comprehensive description that will enable you to judge of their value in your own planting. All of them are valuable and there is no real reason why they should not be more widely grown. The standard sorts with which nearly everyone is familiar, are given a more abbreviated general list at the end of these particular descriptions. You will find there almost everything that grows. The vines, roses, hedge plants and summer-flowering plants that grow from bulbs, are each given a division alone. In this way you can locate what you want very quickly.

## CHOICE FLOWER SEEDS

We are specialists in Flower Seeds, and extensive growers, and offer flower seeds by weight, which is a great advantage to you. All our seeds are **new crop, tested, and of strong germination.**

**GENERAL CULTURAL DIRECTIONS:**—The well-known Annual Flowers, such as Sweet Alyssum, Calliopsis, Calendula, Marigold, Mignonette, Nasturtiums, etc., sow directly out-of-doors when danger from frost is past in the position where they are intended to flower. The ground should be dug and raked fine on the surface, sowing the seeds evenly and thinly either in lines or beds, covering not over four times their size, and firming the soil over them. For those which should be started indoors, such as Heliotrope, Celosia, Lobelia, Salvia, Vinca, Verbena, etc., the best plan is to sow in boxes, which should be filled to the depth of an inch with broken pots, coal ashes or any rough material that will furnish drainage. The upper inch should be nicely sifted soil, composed, if possible, of about one-third each sand, leaf-mold and light garden loam. Press firmly

and evenly, and water thoroughly the day before sowing. Sow the seeds thinly over the surface, covering about one-eighth of an inch and pressing firmly, cover with a pane of glass to prevent too rapid evaporation of the moisture, and keep in a temperature between 60 and 70 degrees. Water carefully as needed. The importance of this detail can only be learned by experience and observation. To omit a single watering, or a too frequent watering, usually leads to failure. When large enough to handle, transplant into prepared boxes, an inch apart each way, or put into small pots until time to plant out. At all times they should have an abundance of air; otherwise the young seedlings are liable to damp-off.



A field of Holmes' Extra-Early Fortune Teller



Daybreak Asters

### Abutilon

(CHINESE BELLFLOWER, or FLOWERING MAPLE)

Elegant perennial shrubs of strong growth and easy cultivation; free blooming; flowers various colored, beautiful, drooping, bell-shaped. Fine indoors in winter. **Fine Mixed.** Pkt. 10c., 1/4oz. 75 cts.

### New Australian Straw Flower

After being cut, it retains its rosy crimson shades permanently. A half-hardy annual. Grows very rapidly from seed, blooming early and a long time. The fragrant flowers, are produced in large, graceful clusters. plants grow 1 foot high. Pkt. 10 cts., 3 pkts. 25 cts., 1/4oz. 50 cts.

### Ageratum (FLOSS FLOWER)

Literally a sheet of bloom from early summer till frost. The blues are the most satisfactory bedding plants of this color for United States. **Blue Star.** A new variety. Tiny and compact, only 4 or 5 inches high, densely covered with light blue flowers; splendid for edgings and ribbon bedding or pot culture. Pkt. 10 cts., 3 pkts. 25 cts., 1-32 oz. 75 cts. **Very Dwarf White multiflora.** Pkt. 10 cts., 1/2oz. 60 cts. **Fine Mixed.** Pkt. 5 cts., 1/2oz. 15 cts.

### Asclepias

One of the showiest and most ornamental of our summer and autumn flowers; blossoms in close, compact umbels of a brilliant orange color, making it valuable for bouquets. **Tuberosa.** Pkt. 5 cts., 1/4oz. 40 cts.



## HOLMES' MAMMOTH FLowering ASTERS

Asters are so handsome and useful in a thousand ways that they are common everywhere, and nearly everyone is familiar with them. If there are any points of their treatment and culture that you do not understand, write us a letter about it. We put out a special book devoted to these and other flowers.

**GIANT COMET.** Resembles Japanese chrysanthemum. Differ from the older Comet Asters not only in bearing much larger flowers, but the petals are longer and broader. The flowers are often 6 inches across, composed of long, wavy, twisted petals, in loose half-globe. Each plant bears 20 to 30 of these magnificent flowers on long stems. Mixed colors, Rose and White. Pkt. 10c., 3 pkts. 25 cts. Separate colors,  $\frac{1}{4}$ oz. 60 cts. Mixed colors,  $\frac{1}{4}$ oz. 50 cts.

**HOLMES' LAVENDER GEM.** When the flower first opens it is a delicate lavender. This deepens with age. Always full, double and feathery like an ostrich plume, or even more irregularly cut and slashed, till it is almost a picturesque, ragged chrysanthemum. The flowers are born in profusion on slender wiry stems. Medium-sized, low plant. Color and shape of this are away above average. Pkt. 15 cts., 4 pkts. 50 cts.,  $\frac{1}{2}$ oz. \$1.50.

**HOLMES' NEW ASTER, IMPERIAL LAVENDER.** This is one of the most beautiful Asters. It is of true Comet type, with large, artistic, loosely arranged flowers, of the most charming shade of lavender imaginable; on long, wiry stems. Blooms in August. You will like the color. Pkt. 10 cts., 3 pkts. 25 cts.,  $\frac{1}{4}$ oz. 60 cts.,  $\frac{1}{2}$ oz. \$1, oz. \$1.75.

## TWO BEAUTIFUL ASTERS, IMPERIAL PURITY AND IMPERIAL DAYBREAK

Beautiful bushy, branching Asters, growing about 2 feet high, with large, double flowers, having incurved petals almost as regularly placed as in a dahlia. Flowers are borne upright on stiff, long stems.

**Daybreak.** Shell-pink. Pkt. 10 cts.,  $\frac{1}{4}$ oz. \$1.25.

**Purity.** Pure white. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 75 cts.

**HOLMES' IMPERIAL SUNSET.** An extremely delicate light pink, shading deeper at the center. Altogether, it resembles Daybreak and Purity, and belongs to the same class. Flowers are born in great abundance on long stems. Pkt. 15 cts., 4 pkts. 50 cts.,  $\frac{1}{2}$ oz. \$1.50.

**HOLMES' LATE GIANT BRANCHING.** The plants form strong, branching bushes, 2 to 4 feet high, bearing on long stems their chrysanthemum-like flowers which average 5 inches across. The form of the flowers, together with the length of the stems, places them at the head of list of Asters for cutting. Usually at their best during September. They fill in the gap between the general run of Asters and chrysanthemums, and do it well. Splendid Mixed, Pure White, Pink, Purple, Lavender, Crimson. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 50 cts. Ordinary mixed,  $\frac{1}{4}$ oz. 25 cts.,  $\frac{1}{2}$ oz. 40 cts., oz. 75 cts.

**GIANT OSTRICH-FEATHER.** So large, so beautiful, so unique in their charming grace, so different from all other types, that the immense double flowers, often 6 inches across, of long, narrow, loosely curled petals, suggest a curled ostrich plume. Exceptionally handsome as cut-flowers. The plants are of healthy and luxuriant growth, about 2 feet, each bearing 25 to 40 flowers. Bedded out, they are exceedingly showy. Splendid Mixed, White, Rose, Carmine, Blue. Pkt. 10c., 3 pkts. 25c.,  $\frac{1}{4}$ oz. 75c. Mixed,  $\frac{1}{4}$ oz. 50c.

**HOLMES' MIKADO PINK ASTER, ROCHESTER.** This is an official flower of the city of Rochester. Beautiful lavender-pink flowers,  $4\frac{1}{2}$  to 6 inches—a cluster on every one of the dozen long stems on each plant. Flowers unique; petals are narrow, long, graceful; toward the center they cross and pile in magnificent disorder. Pkt. 25 cts., 2 pkts. 40 cts., 1-32 oz. 50 cts.,  $\frac{1}{4}$ oz. \$1.50.

**HOLMES' MIKADO WHITE.** A mid-season Aster, always large and full-double, borne aloft on long stems, sometimes 2 feet high. Characteristic

Aster; petals curved and twisted. There is hardly ever enough seed for all orders. Pkt. 25 cts., 2 pkts. 40 cts., 1-32 oz. 50c.,  $\frac{1}{4}$ oz. \$2.

**QUEEN OF THE MARKET.** Few so early; flowers in July. Branching

habit; flowers good size and on long stems, making them valuable for cutting; excellent under glass, and a favorite variety for market.  $1\frac{1}{2}$  feet high. Fine Mixed, Indigo-blue, Red, Rose, White. Pkt. 5 cts., 4 pkts. 15c., oz. 60c. Fine Mixed, oz. 50c.

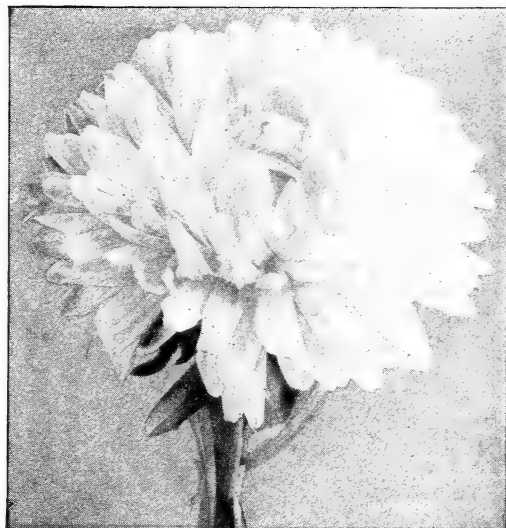
**HOLMES' ROSE KING.** A winner with fine flower lovers. Of a pleasing shade, very bright and brilliant. Full-double flowers as large as saucers. Are borne on 2-foot stems, and do not wilt easily. In all characteristics, from sturdy, vigorous plants, to massive flowers, it is as royal as its name. Pkt. 25 cts., 2 pkts. 40 cts.

**HOLMES' ROYAL PURPLE.** A little different and a little better than any other in its class. Always full-double, always on long stems, and nine and ten are perfect blooms. Medium early and stays long in bloom. Pkt. 15 cts., 3 pkts. 40 cts.,  $\frac{1}{4}$ oz. 75 cts.

**HOLMES' VIOLET KING.** Probably has won more prizes than any other variety in the world. Foliage richest green. Flowers are different—their petals are fantastically twisted and curled and incurved—blooms fully 4 and 5 inches across, and of very soft violet-lilac color. Pkt. 10 cts., 3 pkts. 25 cts.,  $\frac{1}{4}$ oz. 50 cts.



Aster, Queen of Market



Aster, Purity



Clarkia

## Clarkia

This pretty and easily grown annual has been much improved in recent years, and is now seen as a cut-flower in most of the large cities of Europe; they do well either in sun or shade, growing 2 to 2  $\frac{1}{2}$  feet high, with leafy racemes of double flowers, which all open in water when cut. 1 foot. **Mixed.** Pkt. 5 cts.,  $\frac{1}{4}$ oz. 15 cts.

## Centaurea

**Imperialis.** A beautiful bouquet flower, blooming first year from seed. Long-stemmed blossoms 3 to 4 inches across, graceful and most deliciously fragrant. The colors of the flowers are infinitely varied from glistening white through shades of red, from flesh-pink to crimson\* and through blues from silvery lilac to royal-purple, violet with white center, etc. If cut scarcely opened they will last for ten days in water. 2 to 3 feet high. Mixed. Pkt. 5 cts.,  $\frac{1}{4}$ oz. 15 cts.

**Cyanus.** Noted for their beautiful flowers. 2 to 3 feet. Blue. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 35 cts.

**Double-flowered, Mixed.** Pkt. 10 cts.,  $\frac{1}{4}$ oz. 15 cts.

**Pure White.** Pkt. 10 cts.,  $\frac{1}{4}$ oz. 15 cts.

**Gymnocarpa** (Dusty Miller). Elegant silvery white foliage; splendid bedding plant. 1 foot. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 15 cts.

## Cyperus

**Alternifolius.** Very desirable house plant. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 25 cts.

## Cyclamen

Charming plants, with beautiful foliage and rich-colored, fragrant flowers; universal favorites for winter and spring blooming. Stout flower stalks, thrown well above the foliage.

**Dark Blood-Red.** Pkt. 25 cts.,  $\frac{1}{16}$ oz. \$1.75.

**Giganteum.** Immense flowers, borne very profusely. Mixed. Pkt. 20 cts.,  $\frac{1}{16}$ oz. 80 cts.

**Butterfly.** The edges of the flowers are beautifully fringed or waved, giving them a grace not possessed by the old class; they are of surpassing beauty. Mixed colors, pkt. 35 cts., 100 seeds \$2.50.

## Coleus

**Large-leaved.** Plants grow about 2 feet high. Beautiful bronze or copper color; leaves quite distinct. Pkt. 10 cts., 1-32 oz. \$3.

**Large-leaved Fringed.** Large leaves, deeply cut and fringed. Embracing combinations of markings entirely new. Pkt. 10 cts., 1-32 oz. \$3.

**Finest Mixed.** Pkt. 10 cts.,  $\frac{1}{16}$ oz. 50 cts.

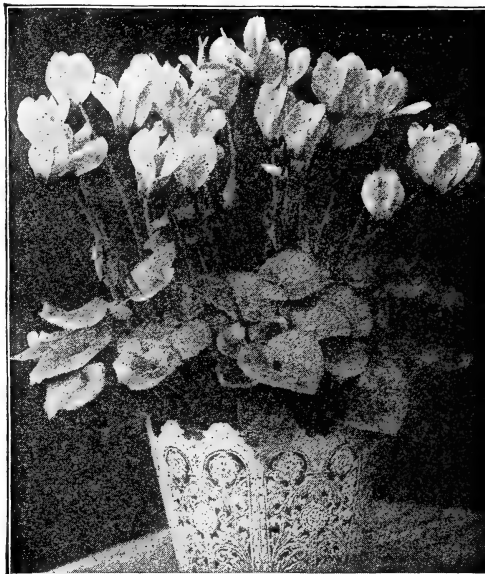
## Cineraria

**Holmes' Prize Strain.** Our Superb Prize Strain of Cineraria is distinguished by its splendid variety of color. Every conceivable shade of pink, carmine, crimson and blue, varying from the palest forget-me-not to the richest violet, as well as pure white and the gorgeous bicolors of crimson and white, and blue and white. The flowers are of immense size. Plant compact, robust and healthy. Pkt. 20 cts., 2 pkts. 35 cts., 1-32 oz. \$3.50.

**Plenissima Dwarf Double Large-flowering Mixed.** A most exquisite sort. Pkt. 35 cts., 1-32 oz. \$5.

**Maritima (Candidissima).** Dusty Miller. Very fine for edgings and borders. Silver foliage. Pkt. 5 cts.,  $\frac{1}{4}$ oz. 20 cts.

**NOTE.**—If you are in doubt about any point concerning a flower or plant, will remind you that we will consider it a favor if you write to us. We will tell you all you ask about the growth, size, habits, needs and culture, as well as the proper setting of any plant you name.



Cyclamen

Should be sown in spring, in the open ground. When the plants are about a foot high the tops should be pinched to induce a bushy growth.

**Klondyke Golden Yellow.** Pkt. 10 cts.,  $\frac{1}{4}$ oz. 60 cts.

**New Giant Mixed.** All colors. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 20 cts.

**White Pond Lily.** Flowers 5 inches across; white, with yellow center. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 25 cts.

**Holmes' Mammoth Perfection Mixture.** We offer here the most magnificent mixture of Cosmos in the world. The flowers are giants, often 4 inches across, double the size of the old large-flowering Cosmos.

The petals overlap, forming a perfectly round flower. Plants 5 to 6 feet high, of symmetrical, pyramidal form, are one mass of feathery, emerald-green foliage. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 25 cts.

**Dawn. New Early Dwarf Large-flowering.** Compact; grows only 4 feet. Pure white, with a tinge of rose. Blooms from July until frost. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 20 cts.

**Mammoth Pink.** 10 cts.,  $\frac{1}{4}$ oz. 20 cts.

**Mammoth Crimson.** Pkt. 10 cts.,  $\frac{1}{4}$ oz. 25 cts.

**Rainbow.** All colors in one flower. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 35 cts.

## Diamond Flower

(*Ionopsisidium acaule*)

A charming little gem, forming tufts but a few inches high and covered with violet flowers in June, and frequently blooming again in the autumn; excellent for sowing on the rockery, also on the top of pots containing large plants, forms a moss-like covering. Annual. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 35 cts.

## Euphorbia

Strong-growing annuals, suitable for beds of tall-growing plants or mixed borders; the flowers are inconspicuous; the foliage, however, is exceedingly ornamental.

**Snow-on-the-Mountain.** (*Euphorbia variegata*). Attractive foliage, veined and margined with white. 2 feet. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 15 cts.



Cosmos

**False Dragon Head**

(PHYSOSTEGIA)

Beautiful perennials, forming dense bushes 3 to 4 feet high, producing in great abundance spikes of delicate white, pink, purple and red tubular flowers in terminal leafless clusters.

**Denticulata.** Pkt. 10 cts.,  $\frac{1}{4}$ oz. 25 cts.

**Purple Feather Grass**

A magnificent ornamental grass that flowers the second season. Grown for its graceful plumes. Hardy perennial.

**Feather Grass.** Pkt. 10 cts.,  $\frac{1}{4}$ oz. 25 cts.

**Florida Rattlebox, or Golden Bush Pea**

(CROTOLARIA)

A beautiful, bushy garden annual, with golden yellow, sweet-pea-like flowers, often 40 blossoms on one spike. It blooms profusely throughout the summer until killed by frost. Seed pods, when shaken, sound like a child's rattle.

**Retusa.** Pkt. 10 cts.,  $\frac{1}{4}$ oz. 25 cts.

**Gas Plant (DICTAMNUS)**

Showy border perennial, about 2½ feet; fragrant foliage and spikes of curious flowers, during hot weather giving off a fragrant volatile oil, which ignites when a match is applied to it.

**Rosea.** Pink flowers. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 35 cts.

**Alba.** Pure white. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 35 cts.

**HUNNEMANNIA.** See Eschscholtzia.

**Helenium Bigelowii**

One of the most exquisite hardy perennials. Blooms the first year when started early, and continues throughout the summer to produce in greatest profusion its charming daisy-like flowers of bright yellow with black center. Splendid for cutting and extremely showy for garden.

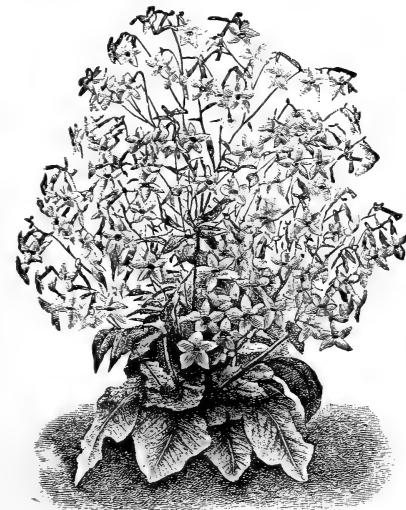
Pkt. 10 cts., 3 pkts. 25 cts.,  $\frac{1}{2}$ oz. 50 cts.

**Ice Plant (MESEMBRYANTHEMUM)**

Annual, with small white flowers, and almost transparent leaves, that feel cold as ice.  $\frac{1}{2}$  foot.

**Crystallinum.** Pkt. 10 cts.,  $\frac{1}{4}$ oz. 15 cts.

**Tricolor (Wax Plant).** Mixed colors. Pkt. 5 cts.,  $\frac{1}{4}$ oz. 15 cts.



Nicotiana



Lychnis Chalcedonica

**Job's Tears**

(Coix lachryma)

Annual ornamental grass and a favorite of all flower lovers. The leaves are broad and corn-like; the seeds produced are hard, with a shining pearly appearance. Interesting to children, who oftentimes string the seeds as beads.

Pkt. 10 cts.,  $\frac{1}{2}$ oz. 35 cts.

**Jerusalem Cross**

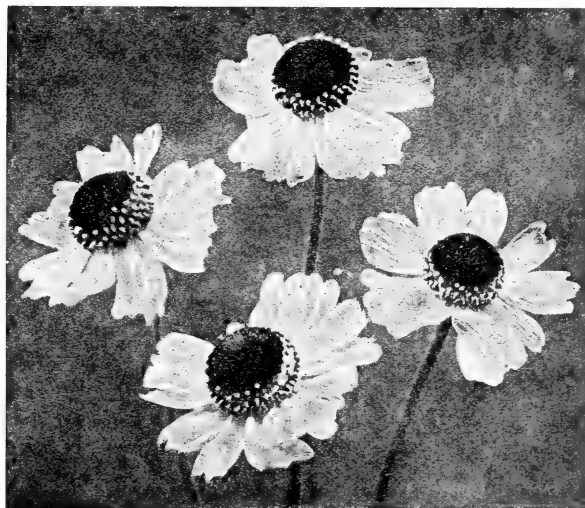
(Lychnis Chalcedonica)

A handsome, hardy herbaceous plant, and, although perennial, it blooms unceasingly all the first year if seed is sown early. Grows 2 feet, is of easiest culture, growing in any rich garden soil. The plant when adorned with its glowing scarlet flowers is very ornamental. Very effective for mixing in beds and borders.

Pkt. 5 cts.,  $\frac{1}{4}$ oz. 15 cts.

**Lantana, Holmes' Mixed Hybrids**

One of the most desirable half-hardy perennial greenhouse or bedding plants, constantly in bloom; verberna-like heads of orange, white, rose and other colored flowers. Sow seed early indoors for flowers the first season. 2 feet. Mixed colors. Pkt. 5 cts.,  $\frac{1}{4}$ oz. 15 cts.



Helenium Bigelowii

**Lobelia**

Very fine plants for edging flower-beds, their brilliant shades of blue and white making a pleasing contrast to masses of reds and yellows.

**Heterophylla Major.** One of the best for this climate, coming into flower early, standing the heat well and continuing to bloom without interruption until frost. The plant forms dense globular bushes about 6 in. high, completely smothered with flowers, which are over an inch across, and of a brilliant sky-blue, with a clear white eye. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 35 cts.

**Crystal Palace.** Best dwarf blue. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 40 cts.

**Compacta alba.** White; trailing. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 20 cts.

**Compacta, Finest Mixed.** Pkt. 10 cts.,  $\frac{1}{4}$ oz. 20 cts.

**Cardinalis hybrids (Cardinal Flower).** Rich fiery cardinal flowers; strong plants, often producing 10 to 18 spikes 12 to 24 inches long. Pkt. 15 cts., 1-32 oz. \$1.25.

**New Hardy Annual Nicotiana, Sanderae**

The plant, with its graceful branching habit, is laden from base to summit, literally ablaze with the most handsome carmine-red blossoms. The photograph shows a plant grown in the open ground. Its combined hardiness and character of producing flowers (May until frost) in all kinds of soil and situations are its recommendations. Very sweet-scented; grows 2 feet high. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 35 cts.

Jacob Kryslie,  
of Dillsburg,  
Pa., writes:  
"Holmes seeds  
are the best we  
ever tried."

## HOLMES' MIXTURE OF TALL NASTURTIUMS

MADE OF TWENTY SEPARATE NAMED COLORS

Splendid for covering trellises, fences, arbors, piazzas, trailing from vases over rockwork, etc. Nothing can equal the gorgeous effect produced by their marvelous quantities of bloom, borne in uninterrupted splendor from early summer until cut down by frost. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts.,  $\frac{1}{2}$  lb. 80 cts., lb. \$1.50.

### TALL NASTURTIUMS

#### **Tropaeolum majus, Separate Colors**

These include climbing sorts suitable for trellis, porch or veranda decorations. 5 to 15 feet.

**Jupiter.** Glowing yellow, with blending of lemon and orange. Pkt. 5 cts., oz. 15 cts.

Any one of the following varieties, pkt. 5 cts., 7 pkts for 25 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 35 cts.,  $\frac{1}{2}$  lb. 60 cts., lb. \$1

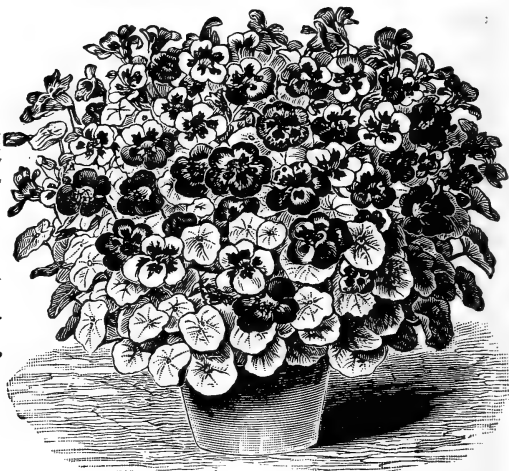
**Atropurpureum.** Dark crimson.  
**Chameleon.** New. Mixed.  
**Dunnett's Orange.** Blotched red.  
**Edward Otto.** Brown.  
**Hunnemannia.** Chocolate.  
**Pearl.** Pure yellow.

**Prince Henry.** Marbled scarlet.  
**Regelianum.** Violet-crimson.  
**Scheuermanni.** Spotted.  
**Scheuermanni coccineum.** Red.  
**Schillingii.** Yellow, blotched.  
**Vesuvius.** Handsome; salmon-rose.

#### **Tropaeolum Lobbianum**

Also a splendid climber; flowers are not so large, but their colors are very rich and are borne in greater profusion. 10 to 12 feet.

**Lobb's Finest Mixture.** All the richest shades of these varieties. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 35 cts.,  $\frac{1}{2}$  lb. 60 cts., lb. \$1.



Dwarf Nasturtium

#### **Tropaeolum Canariense**

**Canary-bird Vine.** A beautiful rapid annual climber, the charming little canary-colored blossoms bearing a fancied resemblance to a bird with its wings half expanded. Pkt. 5 cts., oz. 20 cts.

## DWARF NASTURTIUMS

### **Holmes' Tom Thumb Mixture**

Bears gorgeous masses of beautiful shades of crimson, orange, brown and white flowers the entire season. The flowers often measure 3 inches across and their brilliancy and velvety richness is enchanting. We cannot attempt to describe the exquisite blendings and markings of the varicolored varieties. Seed is saved from the most beautiful varieties only. For summer flower-beds nothing can surpass them. 1 foot. Pkt. 5 cts., oz. 15c.,  $\frac{1}{4}$  lb. 35c.,  $\frac{1}{2}$  lb. 70c., lb. \$1.25.

#### **Dwarf Varieties, Separate Colors**

**Golden Queen.** Magnificent. Bright yellow. Pkt. 10 cts., oz. 20 cts.

Any one of the following varieties, pkt. 5 cts., 7 pkts. for 25 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 35 cts.,  $\frac{1}{2}$  lb. 60 cts., lb. \$1.

**Aurora.** Variegated.  
**Beauty.** Orange and scarlet.  
**Bronze.** Rich bronze.

**Chameleon** (Carter's). Variegated.  
**Coerulea roseum.** Pretty bluish.  
**Crimson.** Bright crimson.  
**Crystal Palace Gem.** Sulphur-yellow.  
**Deep Scarlet.** Orange-crimson.  
**Empress of India.** Scarlet-flowered.  
**Golden King.** Bright yellow.  
**King of Tom Thumbs.** Fine deep scarlet.

**King Theodore.** Chocolate.  
**Lilli Schmidt.** Orange and brown.  
**Pearl.** Nearest to white.  
**Ruby King.** Ruby-rose.  
**Scheuermanni coccineum.** Bright orange.  
**Spotted King.** Yellow, chocolate spots.  
**Lady Bird.** Extra choice; the colorings are superb.

## PANSIES

Pansies are thought by many to be the finest flower. They hold rank with the more pretentious moss roses, iris and peonies and do not lose caste from their humble beauty. "Just a little Pansy" may have more true beauty, more of a restful and cheerful air about them, than all the gorgeous beauties of the East. A fringe or bed of them joins a touch of refinement and completeness to the scheme of form and color that is like the effect of eyebrows on a face. But Pansies do not need any setting. They look well alone.

### **Holmes' Giant Exhibition Mixture**

No Pansies in the world can surpass this selection of mammoth specimen flowers. Our ambition in this mixture is "perfection", and we have never seen any Pansies to equal these either in size, form or markings. It is a selection of the most gorgeous named exhibition flowers, and we make it up of seed saved from the largest, most perfect in form and markings, and brightest, showiest flowers, selected personally from the beds of our Giant Varieties. A bed of these makes an effect too gorgeous to describe. The price may seem a little high to some, but we are sure that after you have grown them you will say the seed was worth ten times what you paid. Pkt. 20 cts., 3 pkts. 50 cts.,  $\frac{1}{2}$  oz. \$1.25,  $\frac{1}{4}$  oz. \$2,  $\frac{1}{2}$  oz. \$3.50, oz. \$7.

### **Masterpiece, a Giant Pansy**

Enormous flowers, 4 inches across, daintily ruffled edges, clearly distinct markings and, in fact, a flower of recent introduction that has won volumes of praise from lovers of this particular flower. It is a master indeed of its class. Pkt. 15 cts., 2 pkts. 25 cts.,  $\frac{1}{4}$  oz. \$1.25,  $\frac{1}{2}$  oz. \$2.

I received last orders of seeds O. K., and much pleased with the same and know you will be glad to know your seeds have all been so very satisfactory. I have at least twenty-five acres out in truck and all of your seed, and think there has not been one seed to fail. I have picked new peas the first of this week and my neighbors' have not blossomed as yet. I have green tomatoes in the field as large as walnuts, which I consider fine, while others are just planting theirs out. I have more than 10,000 cabbage out up to this time, and have celery and other plants enough to supply the whole county. I will have new potatoes within ten days or two weeks and the finest Hubbard and Boston Marrow squash patch I ever saw, about three acres of the same and all seeds were equally as good. I am much pleased and hope you will be glad to know the same with many thanks.—GEO. E. HESS, R. F. D., No. 2, Duncannon, Pa., June 2, 1910.



Pansies





Petunia, Holmes' Defiance, Large Flowering

### New Fimbriata Petunia, Canary-bird

A magnificent flower. This is the first yellow Petunia. The plants average 14 inches high and are covered with beautifully fringed flowers of a distinct yellow, which deepens in the throat, the majority of the flowers coming true. We recommend it highly. Pkt. 35c., 2 pkts. 65 cts., 1-64 oz. \$3.

**New Star.** Perfect star in center of each flower. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 75 cts.

**Holmes' Defiance, Large-flowering.** Flowers 5 inches in diameter and all colors. Pkt. 20 cts., 1-64 oz. \$2.50.

### Holmes' Fancy Fringed Petunias

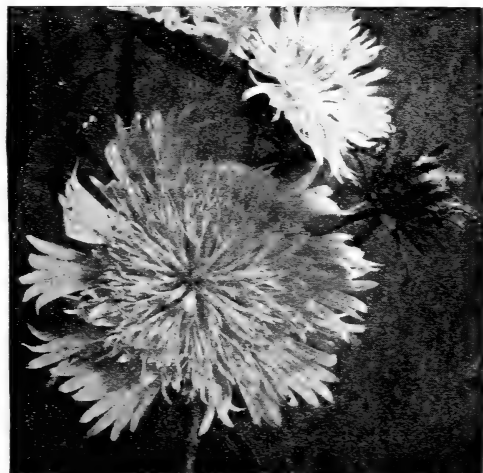
Few flowers afford greater effectiveness for outdoor decoration. This variety is one of the best of all Petunias. Give it very rich, fine earth, a sunny situation, being careful that the seed is merely covered when sown. Sowing seed too deep is often the cause of failure to grow this charming favorite. All colors mixed. Pkt. 10 cts., 3 pkts. 25c., 1-64 oz. \$1.75.

**Hybrida, Finest Mixed.** Pkt. 10 cts.,  $\frac{1}{2}$  oz. 15 cts.

**Double Giant.** Extra fine double. Pkt. 20 cts., 1-32 oz. \$7.

### Stokesia cyanea

Eighteen to 24 inches high and begin flowering in July, continuing without interruption till late in October. Handsome lavender-blue, centaurea-like blossoms, which are valuable for cutting. It is perfectly hardy. Pkt. 10 cts., 3 pkts. 25 cts.,  $\frac{1}{2}$  oz. 75 cts.



Stokesia cyanea

## Holmes' Giant Splendid Pansies

A remarkable strain of Giant Pansies, the flowers of which are so large and full that the broad petals seem to be "gathered" to the stem, causing them to be undulated and fluted from center to circumference, not unlike "frilled" velvet. The flowers are extraordinarily large and are borne on strong stems well above the foliage; they are nearly all five-blotched on the "Odier" pattern, and contain rich combinations of coloring, including some new tints and blendings not met in other Pansies. Splendid selection for garden and florists. Mixed colors, pkt. 10 cts.,  $\frac{1}{2}$  oz. 75 cts.,  $\frac{1}{2}$  oz. \$1.50,  $\frac{1}{2}$  oz. \$2.25, oz. \$4.

**Giant Adonis.** Light blue, with a yellowish white face and dark blotches. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 50 cts.

**Giant Bronze Colors.** Mixed. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 50 cts.

**Giant Fire King.** New; brilliant red and yellow. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 50 cts.

**Giant Lord Beaconsfield.** Deep purple-violet, shading to white at top. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 50 cts.

**Giant Snow Queen.** Satiny white, center tinged yellow. Pkt. 10c.,  $\frac{1}{2}$  oz. 50c.

**Giant Striped.** Differs from the Improved Striped in vigorous growth and size of blooms. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 50 cts.

**Giant Fancy (Improved Cassier).** Rich colors, mixed. Pkt. 15 cts.,  $\frac{1}{2}$  oz. \$1.

**Giant Five-Spotted.** This variety represents the highest perfection in Pansies. Pkt. 15 cts.,  $\frac{1}{2}$  oz. 75 cts.

**Giant Canary-bird.** Bright golden yellow, marked on each petal with a large dark blotch. Pkt. 15c.,  $\frac{1}{2}$  oz. \$1.

**Improved German, Splendid Mixed.** From finest strains. Pkt. 5c.,  $\frac{1}{2}$  oz. 30 cts., oz. \$1.

## PETUNIAS

### New Superbissima Petunia, Mammoth Rheingold

An entirely new variety of this favorite flower. Introduced last year. The flowers of the Rheingold variety are enormous, perfectly shaped and of a pure golden yellow with a broad, clear white margin. It is the finest of all. Pkt. 25 cts., 2 pkts. 45 cts., 1-64 oz. \$3.



Fancy Fringed Petunias

### Snapdragon

(ANTIRRHINUM).

Perennial, blooming from seed the first season. One of the finest and showiest border plants; throat beautifully mottled.

**Tom Thumb, Mixed.** Dwarf. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 35 cts.

**Majus.** Tall; extra-fine mixed. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 40 cts.

**Queen of the North.** Grows 1 foot in height, and densely covered with large white flowers. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 50 cts.

### Thalictrum

Very graceful, pretty-flowered plants, with finely cut foliage. Starting to bloom in May, they continue to send forth their attractive flowers in abundance all through June. 3 feet.

**Aquilegifolium.** Rose-lilac. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 20 cts.

**Glaucum.** Yellow. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 20 cts.

### Veronica spicata

An elegant border plant, growing 3 feet high, producing long spikes of beautiful flowers, the spike lengthening with age. Blue. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts.

### Yarrow, Double White (*Achillea ptarmica*, "The Pearl")

One of the best hardy white perennials. Grows about 2 feet high, and from spring till frost is covered with heads of purest white double flowers. A grand plant for cemetery decoration. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 75 cts.



# NEW "ORCHID-LIKE" SWEET PEAS THE COUNTESS SPENCER TYPE

Magnificent flowers, with superb and charming form, exquisitely colored, enormous in size and in their entirety of a type so noble and grand as to compel love and admiration for themselves from all who see them.

NOTE.—The standard of the Sweet Pea is the top petal, and the wings are the two lower petals.

**Countess Spencer.** Bright clear pink, showing a little deeper at the edges. The form is open and the margin wavy. Both standards and wings are very large, the blossoms often measuring 2 inches across and the stems are long. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Helen Lewis.** The standard is intense crimson-orange, wings are orange-rose; enormous flowers with open form and wavy edges. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**George Herbert.** The flowers are generally borne four on a stem, are of gigantic size, with ruffled, wavy edges; bright rose-carmine showing veins of a deeper shade. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Mrs. Charles Mander.** Rich purplish magenta; very large, open, wavy form. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Phenomenal.** The mammoth flowers are silvery white, faintly suffused with soft pink and beautifully edged with rich purple. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

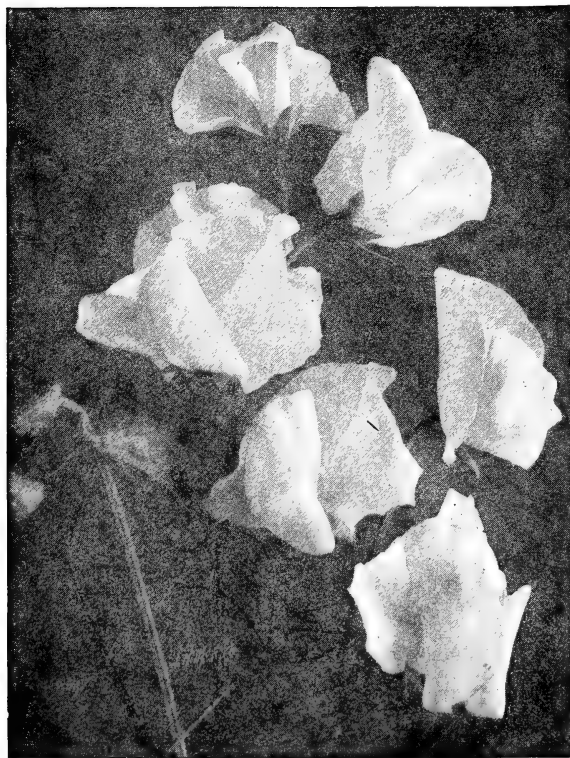
**Queen Alexandra.** Giant intense scarlet flowers of semi-hooded form borne on long, strong stems; very fine. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**White Spencer.** Enormous pure white flowers; beautifully poised wings, which are large and wavy, and the standard is erect, crinkled and fluted. Of splendid substance. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**SPECIAL OFFER.** We will send one packet of each of the above **Fifteen Grand Varieties of "Orchid-like" Sweet Peas** for 40 cts. Compare this offer with any other offer of any seedsman in the United States and you will not find its equal for liberality and quality. Send for it now—40 cts., postpaid.

**HOLMES' SPECIAL "ORCHID-LIKE" SWEET PEA MIXTURE.** A grand mixture of all the "Orchid-Like" varieties, a selection that is unequalled for size, beauty, length of stem, free-flowering and substance. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.50.

## OUR IDEA OF THE BEST STANDARD VARIETIES



Spencer Sweet Peas

**Best Forcing Pink—Xmas Pink.** A distinct class. Planted in the greenhouse in October, they flower for Xmas and give cut-flowers all winter and up until June. Long stems, large flowers.

**Best Forcing White—Xmas White.**

**Best Extra-Early Pink and White.** Earliest of All.

**Best Pink and White.** Blanche Ferry. Flowers larger than Earliest of All; two weeks earlier than others.

**Best Extra-Early White.** Mont Blanc. Blooms in nine weeks. Plant of dwarf habit.

**Best Pure White.** Dorothy Eckford. Very large

**Best Pure Crimson and Scarlet.** King Edward VII.

**Best Cerise.** Cocinea.

**Best Rose and Carmine.** Prince of Wales.

**Best Deep Pink.** Janet Scott.

**Best Clear Pink.** Lovely. Very fine; generally four flowers to a stem.

**Best Blush.** Duchess of Sutherland.

**Best Dark Blue.** Navy-blue.

**Best Light Blue.** Countess of Cadogan.

**Best Primrose-Yellow.** Hon. Mrs. E. Kenyon.

**Best Orange.** Miss Willmott.

**Best Lavender.** Lady Grisel Hamilton.

**Best Mauve.** Mrs. Walter Wright.

**Best Violet and Purple.** Duke of Westminster.

**Best Magenta.** George Gordon.

**Best Maroon.** Othello.

**Best White, Pink Edged.** Dainty.

**Best Red Stripes.** America.

**Best Blue Stripes.** Princess of Wales.

Any of the above, pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1

**SPECIAL OFFER.** We will send one packet of each above twenty-three varieties for 50 cts., postpaid.

**HOLMES' SUPERFINE MIXTURE.** Our mixture of Tall-Growing Sweet Peas is known in every section of the world where Sweet Peas are grown. It has an individuality which makes it distinct. Contains all of those superb varieties mentioned. These were awarded **First Prize** by the National Sweet Pea Society, at the Royal Horticultural Hall, London. We are proud of this mixture; that is why we call it "Superfine," knowing that it is superior to all. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts.,  $\frac{1}{2}$  lb. 50 cts., lb. \$1.

**FINE MIXED.** An excellent mixture of many varieties. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts.,  $\frac{1}{2}$  lb. 35 cts., lb. 60 cts.

**DWARF SWEET PEAS.** For pot culture or bedding. Plants grow 6 or 7 inches high. You will be greatly pleased with them. **Dwarf Mixed, Dwarf White, Dwarf Pink.** Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**DOUBLE MIXED SWEET PEAS.** Not every flower produced is double, but a large percentage are. **Best Double Mixed.** Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts.,  $\frac{1}{2}$  lb. 35 cts., lb. 60 cts.

# GENERAL LIST OF FLOWERS GROWN FROM SEEDS

**ACROCLINIUM.** Free-blooming annual. Flowers everlasting; winter bouquets. Double-flowering mixed. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 20 cts.

**ADONIS *estivalis*** (Flos Adonis). Easily grown annual; many dark crimson flowers; graceful leathery leaves. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts.

**AMSONIA** (*Salicifolia*). Blue flower-clusters on long stems. 18-inch plant. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 30 cts.

**ANCHUSA *italica***. Strong, growing 3 and 4 feet, plant with large branches of deep blue flowers all season. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts.

**ANEMONE, St. Brigid** (Windflower). Hardy perennial; few plants compare with them in beauty. Fine for bouquets. Pleasing, large, double flowers in wonderful array of colors. Seed sown in July brings flowers the following May. Pkt. 15 cts.,  $\frac{1}{2}$  oz. 75 cts.

**AMARANTHUS.** Very strong and rapid-growing annual, striking foliage and curious flowers. **Sunrise.** The most brilliant of this brilliant family. Foliage bronzy crimson; large. Pkt. 15 cts., 2 pkts. 25 cts.,  $\frac{1}{2}$  oz. 35 cts. **Love-lies-bleeding** (*A. caudatus*). Dark red. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **Fountain Plant** (*A. salicifolius*). Drooping habit. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 25 cts. **Joseph's Coat** (*A. tricolor*). Many bright colors. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 20 cts. **Fire Brand** (*A. superbus*). Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **Mixed.** Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts.

**ASCLEPIAS *tuberosa***. One of the showiest and most ornamental in summer and autumn. Brilliant orange blossoms in compact bouquets. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 40 cts.

**BACHELOR'S BUTTON** (Globe Amaranth; Gomphrena). Good bedding plant; dried flowers make winter bouquets. **Aurea superba.** Golden yellow. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **Nana compacta.** Red; 1 foot. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **Mixed.** 2 feet. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts.

**BALLOON FLOWER, or JAPANESE BELLFLOWER** (Platycodon). In constant bloom. A mass of blue and white bell-shaped flowers; hardy perennial. **Grandiflorum Mixed.** Pkt. 5 cts.,  $\frac{1}{2}$  oz. 25 cts.

**BALSAM, Holmes' Giant Flowering** (Camellia-Flowered). For pots or beds. Extraordinary size and abundance; perfect form and brilliant colors; rose-like flowers. Fine for table decoration. **Double-Flowering Mixed.**  $\frac{1}{2}$  oz. 50 cts., **Scarlet.**  $\frac{1}{2}$  oz. 30 cts. **Pure White.**  $\frac{1}{2}$  oz. 30 cts., any pkt. 5 cts., 6 pkts. 25 cts.

**BARTONIA *aurea***. Showiest of annuals; large golden blossoms, borne profusely all summer. 12 inches. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts.

**BEGONIA *Vernon grandiflora***. Immense orange-carmine flowers; deep red foliage. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 50 cts. **Holmes' Rex.** All know "Begonia" but not all are familiar with this variety. You will marvel at the charm of it. Pkt. 10 cts., 3 pkts. 25 cts., 1,000 seeds \$1.50. **Tuberous-Rooted.** Covered all during growth with bright flowers. **Frilled.** 4 to 6 inches; beautifully frilled, waxy petals. Pkt. 20 cts., 1-32 oz. \$3. **Single.** Extra choice mixed. Pkt. 20 cts., 1-32 oz. \$10. **Double.** Extra choice mixed. Pkt. 20c., 1-32 oz. \$10.

**BLANKET FLOWER** (Gaillardia). Profusion, size and brilliancy, render them very desirable. Hardy annual. 2 feet. **Mixed *pieta* Varieties.** Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **Salmon-Red.** Single, with a bright orange edge. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **Lorenziana fl. pl.** Large, showy flowers. Mixed colors. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **Perennis grandiflora, Mixed.** Pkt. 5 cts.,  $\frac{1}{2}$  oz. 25 cts. **Sulphurea oculata.** Pale sulphur, with dark maroon eye. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 20 cts.

**BROWALLIA** (Amethyst). In summer or winter, gardens or pots, with right care, completely covered with blue and white flowers. Annual. 1½ ft. mixed colors. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts.

**BUTTERFLY FLOWER** (*Schizanthus Wislizeniensis*). Countless, orchid-like flowers of every color. Pkt. 20 cts., 1-32 oz. 75 cts.

**CALLIOPSIS.** Rich colored, fluffy, 3-inch flowers; fine for cutting; charming anywhere. 20 inches high. **Fine Mixed.** Tall. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **Coronata.** Large; yellow, showy. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts.

**Golden Wave.** Rich yellow. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **Lanceolata Coreopsis.** Perennial, blooming first year. Yellow. Slender and graceful.

**CALIFORNIA POPPY** (Eschscholtzia). Compact, graceful hardy annual, with fine foliage, a mass of showy flowers. **Hunnemannia.** Sometimes called Bush Eschscholtzia. Bright yellow blossoms on stems a foot long. **Golden West.** Orange. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **Mandarin.** Orange. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **Rose.** Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **Finest Single Mixed.** Pkt. 5 cts.,  $\frac{1}{2}$  oz. 25 cts., **Holmes' Mammoth White.** Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts.

**CANDYTUFT.** Best in beds, but good alone. Flowers from early spring to frost. Indispensable for cutting. 1 foot. **Sweet-scented White.** Pkt. 5 cts., oz. 25 cts. **Empress.** Flowers on spikes like hyacinths. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 25 cts. **Little Prince.** New dwarf, white. Fine for borders. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 50 cts.

**CANTERBURY BELLS** (*Campanula Medium*; Cup and Saucer; Calycanthema). Finest type. **Mixed.** Pkt. 10 cts.,  $\frac{1}{2}$  oz. 40 cts. **Rich Blue.** Pkt. 10 cts.,  $\frac{1}{2}$  oz. 50 cts.

**CARNATION, Marguerite.** Beautiful, extremely sweet. Flowers on long stems; very desirable for cut-flowers. **Pure White, Scarlet, Red, Striped.** Each separate colors. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 30 cts., **Mixed.** Pkt. 5 cts.,  $\frac{1}{2}$  oz. 25 cts.

**CASTOR-OIL PLANT** (Ricinus). Groups give magnificent appearance. Makes fine screen or hedge. Annual. 5 to 8 feet. **Zanzibarensis.** 12 to 14 feet. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{2}$  lb. 50 cts. **Mixed.** Many choice varieties. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{2}$  lb. 35 cts. **Major Mixed.** Very large. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{2}$  lb. 35 cts.

**CARNATIONS, for Greenhouse or Conservatory.** **Fancy Extra Choice Mixed.** Pkt. 20 cts.,  $\frac{1}{2}$  oz. \$2.50. **Choice Double Mixed.** Pkt. 15 cts.,  $\frac{1}{2}$  oz. \$2. **Fancy Picotee, Extra Fine Mixed.** Pkt. 15 cts.,  $\frac{1}{2}$  oz. \$2.50.

**CANNAS.** Seed sown in hotbed or greenhouse from January to April will produce flowers by July. **Mixed.** Pkt. 5 cts., oz. 25 cts.

**CHINESE PRIMROSE** (Primula). Charming, beautiful, winter or spring decorations. **Baby** (*P. Forbesi*). Freest flowering. Tiny flower-stalks in a few weeks. Beautiful rosy lilac flowers. Pkt. 15 cts., 1-32 oz. 50 cts. **Holmes' Prize Mixture.** Its size and beauty are surpassed by none. Pkt. 20 cts., 1-32 oz. \$1. **Obconica.** Very large-flowering. Mixed. Pkt. 15 cts.,  $\frac{1}{2}$  oz. 75 cts.

**CHRYSANTHEMUMS.** Glorious and showy autumn-blooming Chrysanthemums. **Indicum, Double Mixed.** Flowers very large and double; all colors. Pkt. 20 cts.,  $\frac{1}{2}$  oz. 75 cts. **Marguerite** (Painted Daisy). Blooms all summer; gorgeous. Hardy annual. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 20 cts. **Shasta Daisy.** New. Finest ever introduced. Annual. Mixed. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts.

**COCKSCOMB** (*Celosia cristata*). Free blooming, bright-colored annuals. Excellent border plant, attractive in pots. **Cristata, Extra Fine Mixed.** Pkt. 5 cts.,  $\frac{1}{2}$  oz. 20 cts. **Dwarf Mixed, Extra.** Pkt. 10 cts.,  $\frac{1}{2}$  oz. 50 cts. **Glasgow Prize** (Crimson Comb). One of the best comb varieties. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 40 cts.

**COCKSCOMB, Plum'd Varieties. Dwarf Feathered, Mixed.** Flowers, curled like an ostrich feather. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **Thompsoni magnifica.** 2 feet high, graceful, feathery plumes in brilliant shades of yellow and red. Contrasts beautifully with the bronze-colored foliage. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 35 cts.

**CIGAR PLANT** (*Cuphea platycentra*). For baskets, vases, gardens, etc. Innumerable vermillion tube-shaped flowers. Pkt. 10c.,  $\frac{1}{2}$  oz. \$1. **CONE-FLOWER** (Rudbeckia). Many-branched, long-stemmed flowers. Perennial. 3 feet. **Superba.** Golden yellow. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **Lacinata, Golden Glow.** Pkt. 5 cts.,  $\frac{1}{2}$  oz. 20 cts.

**COLUMBINE** (Aquilegia). Hardy. 2 feet. Perennial bearing countless exquisite blossoms of clear blue, white, rose, yellow, purple, etc. Special mixed strain. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 75 cts.

**DATURA *cornuopsea*** (Horn of Plenty). The flowers average 8 inches long and 5 inches across; French white inside, purple outside; delightfully fragrant. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 25 cts.

**DAISY, Holmes' Mammoth White.** Pure white on long stems. Valuable for cutting. Pkt. 10 cts., 3 pkts. 25 cts.,  $\frac{1}{2}$  oz. 75 cts. **Fine German Double Mixed.** Pkt. 10 cts.,  $\frac{1}{2}$  oz. 75 cts.

**DAHLIAS.** Beautiful new varieties. **Superb Single Mixed.** Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **Double Large-Flowering Mixed.** Pkt. 10 cts.,  $\frac{1}{2}$  oz. 35 cts. **Choice Mixed Pompons.** Pkt. 10 cts.,  $\frac{1}{2}$  oz. 35 cts.

**FLAME FLOWER, Red-Hot Poker, or Torch Lily** (*Tritoma hybrida*). Early and continuous flowering. Pkt. 10 cts.,  $\frac{1}{2}$  oz. \$1.

**FEVERFEW** (Matricaria). Very free flowering, hardy annual. Double white flowers. 1½ ft. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts.

**FOUR O'CLOCK.** Bushy; blooming annual; large flowers. White, yellow, crimson; all summer. 2 feet. **Variegated.** Gold striped foliage. Pkt. 5 cts., oz. 15 cts.

**FUCHSIA** (Lady's Eardrop). For the house or shady situations in the garden. **Mixed.** Pkt. 20 cts., 100 seeds 50 cts.

**FOXGLOVE** (Digitalis). Fine for the mixed border, or for planting in groups near a walk or drive. The racemes of flowers are often 2 feet long, containing scores of the odd flowers. Perfectly hardy. **Monstrous, Mixed.** Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts.

**FORGET-ME-NOT** (Myosotis). Very beautiful little plant, with star-like flowers. Tender perennial. **Palustris.** True Forget-me-not. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 30 cts. **Alpestris alba.** Beautiful white flowers; grows 6 inches high. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 15 cts.

**GLOXINIA.** Gorgeous flowers in greatest profusion. Foliage rich, velvety, 1½ feet. **Holmes' Tiger-Spotted and Stained, Extra Fine Mixed.** The exquisite colors blend in superb manner. Pkt. 20 cts., 1-32 oz. \$2.50.

**GOLDENROD** (*Solidago Canadensis*). Well-known golden yellow. The National flower; perennial 3 feet. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 20 cts.

**GOSETIA.** Constant bloomers and very attractive. Flowers 3 to 4 inches across. Annual. 1 to 2 feet. **Bijou.** Blush-colored. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **Gloriosa.** Large, satiny, blood-red. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **Finest Mixed.** Dwarf. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 20 cts.

**GERANIUM** (Pelargonium). If sown early will bloom first season. 1½ feet. **Zonale, Mixed.** Extra fine. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 50 cts. **Pelargonium Mixed, Lady Washington.** Fanciest selection of this favorite. Pkt. 10 cts., 100 seeds \$1.

**HELIOTROPE, Holmes' Mammoth Blue.** True blue. The heads of blossoms often measure a foot across; delicious perfume. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 30 cts. **Choice Mixed.** Pkt. 10 cts.,  $\frac{1}{2}$  oz. 30 cts.

**HONESTY** (Lunaria). Pretty plant, with curious seed-pouches, house ornaments. 2 feet. **Biennis** (Satin Flower). Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15c.

**HOLLYHOCK.** Majestic hardy plants anywhere. Hardy perennial. 4 feet. **Chater's Superb Double.** Finest shades, most exquisite. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 75 cts. **Allegheny.** Often 5½ inches, semi-double, robust growers. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 20 cts.

**HUMBLE PLANT.** See Sensitive Plant.

**IRIS** (Flowering Flag), **Kämpferi** (Japanese Iris). Showiest of the "Flags." Our seed is from the most exquisite flowers. Blooms the second year. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts. **Newest Japanese Varieties.** Finest mixture. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 75 cts.

**JERUSALEM CHERRY** (*Solanum capsicastrum*). Pretty pot plant for winter. Scarlet berries. 1 foot. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts.

**LARKSPUR** (Delphinium) **Perennial.** 3 to 4 feet high and spikes 6 to 10 inches long. Most brilliant shades. **Formosum, Mixed.** Pkt. 10 cts.,  $\frac{1}{2}$  oz. 50 cts., **Fine Mixed.** Pkt. 15 cts.,  $\frac{1}{2}$  oz. \$1.

## GENERAL LIST OF FLOWER SEEDS. continued

**LARKSPUR** (*Delphinium*). Annual Varieties. Vast improvement in size and color. Mass of bright blooms from June until frost.

**Emperor, Double Mixed.** Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **Tall Rocket** (*Hyacinth-Flowered*). Double; finest mixed. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15c.

**LAVATERA.** A rich display of large flowers from July till September. 2 feet. **Trimestris, Mixed.** Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts.

**LAVENDER** (*Lavandula vera*). Sweet-scented, hardy perennial. 3 feet. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts.

**LEMON VERBENA.** Beautiful pale green, lemon-scented foliage and lilac-tinted flowers. Tender perennial. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 50 cts.

**LOVE-IN-A-MIST** (*Nigella*). Pretty flowers in a wreath of delicate foliage. 1 foot. **Damascena, Double Mixed.** Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15c.

**MALLOW** (*Hibiscus*). Hardy perennial. Blooms first year from seeds. 2 to 3 feet. **Golden Bowl.** Large, cup-shaped flowers from 6 to 9 inches, rich deep cream, with a velvety maroon center. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 20 cts. **Moscheutos roseus.** Rose-colored. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 20 cts. **Palustris.** Pink. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts.

**MADAGASCAR PERIWINKLE** (*Vinca*). Continual profuse bloomer.  $1\frac{1}{2}$  feet. **Fine Mixed.** Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts.

**MARIGOLD.** African and French Marigolds are favorite free-flowering annuals. Large flowers. Beds, mixed borders or pot in full sun. **LARGE AFRICAN.** Yellow, Brown or Orange. **Lemon Queen.** Lemon colored. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **Double Mixed.** Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **Eldorado, or Dahlia-Flowered.** Yellow shades; mixed. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **DWARF FRENCH.** Yellow, Brown, Striped. **Legion of Honor.** Yellow and brown. 1 foot. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **Striped Tall.** Single. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **Brown, Marbled.** Small plants. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **Tall.** Double Mixed. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **Dwarf Striped.** Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **POT MARIGOLD.** Hardy annual, blooming generously spring till frost. **Fine Double Mixed.** Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **Striped Meteor, Double Striped.** Pkt. 5 cts.,  $\frac{1}{2}$  oz. 20 cts. **Prince of Orange.** Double deep orange color. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 20 cts. **Double Large-Flowered.** Dark red. Pkt. cts.,  $\frac{1}{2}$  oz. 15 cts.

**MIGNONETTE, Holmes' Sweet-Scented Golden Queen.** Rich golden yellow; effective contrast with green foliage. Very fragrant. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **Holmes' Dwarf Machet.** Rich golden yellow; fragrant. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 40 cts. **Allen's Defiance.** Red. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts. **Odonata grandiflora** (Sweet Mignonette). Pkt. 5 cts., oz. 20 cts. **Gigantea.** Tall mixed. Pkt. 5 cts., oz. 40c. **Bismarck.** Largest of all; improved Machet; best for cutting. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 60 cts. **Giant Pyramidal.** Bright red. Pkt. 5 cts., oz. 25 cts. **Goliath.** Large, red, double. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 50 cts.

**MIMULUS.** Markings rich to the extreme. **Musk Plant** (*Moschatum*). Mixed. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 40 cts. **Monkey Flower** (*Tigridium*). Named from the resemblance to a mask or face. Pkt. 10c.,  $\frac{1}{2}$  oz. 40c.

**MOURNING BRIDE** (*Scabiosa*). Great profusion of double flowers all shades and colors. 2 feet. **Dwarf Double Mixed.** Finest double flowers of various colors. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **New Double Black.** Elegant black-purple flowers. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts.

**ORNAMENTAL TOBACCO** (*Nicotiana*). Showy, branching, with star-shaped flowers, purest white; very fragrant. 3 feet. **Affinis.** Pkt. 10 cts.,  $\frac{1}{2}$  oz. 15 cts.

**PHLOX.** Elegant, brilliantly colored, and long time of bloom.  $\frac{3}{4}$  foot. **Holmes' Large-Flowering, Finest Mixed.** Pkt. 10 cts.,  $\frac{1}{2}$  oz. 50 cts. **Splendid Mixed.** Pkt. 5 cts.,  $\frac{1}{2}$  oz. 35 cts. **Starred and Fringed.** Little stars of unusual beauty, bordered with pure white. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts. **Scarlet (Meteor).** Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25c. **Alba.** Pure white. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts. **Apricot Color.** Pkt. 15 cts.,  $\frac{1}{2}$  oz. 75 cts. **Shell-Pink.** Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts. **Dwarf Compact.** Choicest mixture. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 60 cts. **Hardy Perennial Mixed.** Blooms continuously. Withstands winter. 2 to 3 feet. Splendid for bouquets. Pkt. 10 cts., 3 pkts. 20 cts.,  $\frac{1}{2}$  oz. 60c.

**POCKET FLOWER** (*Calceolaria*). Odd-shaped flower all summer; colors yellow maroon, crimson, etc.  $1\frac{1}{2}$  feet. Greenhouse perennial. Choice mixture, rich. Pkt. 15 cts., 1-32 oz. \$2.

**PYRETHRUM.** Handsome herbaceous plants of easy culture. **Grandiflorum.** Blooms frequently over 4 inches. All variations of color from light rose to deep carmine. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 35 cts.

**PINKS** (*Dianthus*). Of great value all summer. Make elegant bouquets. **Chinensis.** Blooms continually from early summer until fall. Pure white to richest crimson. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **Dwarf Snowball.** Fringed; white. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 25 cts. **Dwarf Fireball.** Blood-red, globe-shaped flowers. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts.

**Pinks, Single—**

**Salmon Queen.** Brilliant salmon. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts. **Star Pink Stellaris.** Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts. **Eastern Queen Japonicus.** Prettily marbled. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 20 cts. **Dainty.** New Pink; very rich. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts. **Pheasant's Eye plumarius.** White flowers, with dark center. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **Scoticus** (Florist's Pink). Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **Lactiniatus, Single Finest Mixed.** Pkt. 5 cts.,  $\frac{1}{2}$  oz. 20 cts. **Large White.** Large, resembling carnation. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts.

**POPPIES, Single—**

**Brilliant.** New, peony-flowered Poppy; bright red. Pkt. 5 cts., oz. 25 cts. **Maid-of-the-Mist.** Single peony-flowered. Large smooth-edged; glistening white, band of scarlet around top. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 40 cts. **Dwarf Shirley.** Very fine; only 9 inches high; flowers 3 inches across. Richest colorings. Pkt. 5 cts., oz. 35 cts. **Japanese Dwarf Mixed.** Pkt. 5 cts.,  $\frac{1}{2}$  oz. 35 cts. **Tulip-Flowered.** Tulip shaped. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 30 cts. **Danebrog.** Single; scarlet; white spot on base of petals. Pkt. 5 cts., oz. 20 cts.

## Poppies, Double—

**Golden Gate.** Every conceivable coloring. Semi-double and double. Pkt. 5 cts., oz. 25 cts. **Improved Carnation, Mixed.** Pkt. 5 cts., oz. 20 cts. **Peony-Flowered, Mixed.** Pkt. 5 cts., oz. 20 cts.

**Hybrid Cardinal.** Enormous scarlet flowers. Pkt. 5 cts., oz. 20 cts. **Iceland.** All colors; fragrant. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 25 cts.

**Poppies, Hardy Perennial—Bracteatum.** Red. Pkt. 5 cts., oz. 35 cts. **Hybrid Mixed.** Pkt. 10 cts.,  $\frac{1}{2}$  oz. 40 cts.

**Poppies, New Giant Hardy Oriental.** Hold unrivaled position. Flowers often 6 inches across. Salmon, Fiery Scarlet, Rose, Lilac, and Copper color, Pink Blotched, Purple, Blood-red Blotched, Black, Orange, etc. Mixed colors. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 75 cts.

**ROSEMARY** (*Rosemarinus officinalis*). Fragrant herb; flowers light blue. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts.

**SCARLET SAGE, or SALVIA.** A mass of fiery red spikes of flowers. Half-hardy perennial. **Fire Ball.** New. Very fine; dwarf. Pkt. 10 cts.,  $\frac{1}{2}$  oz. \$1. **Bonfire** (Clara Bedman). Compact bush; scarlet flowers. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 75 cts. **Splendens** (Scarlet Sage). Bright scarlet. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 40 cts. **Zurich.** New very dwarf Salvia. Magnificent display of crimson-scarlet flowers. Pkt. 10 cts., 3 pkts. 25 cts.,  $\frac{1}{2}$  oz. \$1.25.

**SENSITIVE, or HUMBLE PLANT** (*Mimosa*). **Pudica.** Curious annual, with purplish white flowers; the leaves close and droop when touched or shaken.  $1\frac{1}{2}$  feet. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts.

**SPIDER PLANT, Giant** (*Cleome*). Annual. Curious heads. Flowers bright rose color. 4 to 5 feet. **Pungens.** Pkt. 10 cts.,  $\frac{1}{2}$  oz. 35 cts.

**STRAW FLOWER** (*Helichrysum*). Showy annuals. Flowers large and double, in shades of white, yellow, crimson, etc. **Dwarf, Double Mixed.** Pkt. 5 cts.,  $\frac{1}{2}$  oz. 20 cts.

**STOCKS.** For bedding or pot. Brilliant colors. Long time profuse bloom. 1 to  $1\frac{1}{2}$  feet. **Ten Weeks' Princess Alice, or Cut-and-Come-Again.** White. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 50 cts. **Holmes' New Largest Flowering Globe Pyramidal.** Mixed. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 50 cts. **Emperor, Mixed.** Pkt. 5 cts.,  $\frac{1}{2}$  oz. 50 cts.

**SUNFLOWER** (*Helianthus*). Effective among shrubbery, or to screen unsightly places. 4 to 8 feet. **Cucumerifolius.** Dwarf; small yellow flowers, resembling daisies. Pkt. 5 cts., oz. 20 cts. **Double multiflora.** Produces a branch at each leaf, and each branch produces a fine double flower. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **"The Dahlia."** Double; golden yellow. Pkt. 5 cts., oz. 20 cts. **Silver-Leaved.** Foliage silvery; flowers rich yellow and black. Pkt. 5 cts., oz. 15 cts. **Miniature.** Small flowers. 3 feet. Pkt. 5 cts., oz. 15 cts.

**SWAN RIVER DAISY** (*Brachycome*). Compact, beautiful annual. Abundant, large, single; blue-white flowers all summer. Mixed colors. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 20 cts.

**SWEET WILLIAM** (*Dianthus barbatus*). Fragrant masses of rich flowers. Hardy biennial.  $1\frac{1}{2}$  feet. **Holmes' Giant Double Mixed.** A superb strain of largest double flowers. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 20 cts. **Brilliant Red.** Very striking. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 25 cts. **Pure White.** Pkt. 5 cts.,  $\frac{1}{2}$  oz. 25 cts. **Perfection, Single Mixed.** Flowers all single. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 20 cts.

**SWEET ALYSSUM, Carpet of Snow.** Honey-like perfume. White. 3 inches high. A perfect carpet of snow all season. Pkt. 10 cts., oz. 50 cts. **Sweet Maritimum.** White.  $\frac{1}{2}$  foot. Pkt. 10 cts., oz. 25 cts. **Little Gem.** Spreading habit; white. Pkt. 5 cts., oz. 35 cts. **Basket of Gold.** Yellow. 1 foot. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts.

**SWEET ROCKET** (*Hesperis*). Also known as Dame's Rocket and Dame's Violet. 2 to 3 feet. Spikes of showy white, lilac and purple; fragrant flowers. Mixed colors. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts.

**TOUCH-ME-NOT, or ZANZIBAR BALSAM** (*Impatiens sultani*). Beautiful annual, waxen flowers of rosy scarlet all the year. 1 foot. Pkt. 15 cts., 1-32 oz. 75 cts.

**TASSEL FLOWER** (*Calceola*). Very pretty summer-flowering garden plant. For cutting.  $1\frac{1}{2}$  feet. Annual. **Mixed Colors.** Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts.

**VELVET FLOWER** (*Salpiglossis*). One of the greatest favorites because of its beautiful flowers. Almost like orchids. **Emperor.** Various colors; netted and veined with golden yellow. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 50 cts. **Fine Mixed Hybrids.** Pkt. 5 cts.,  $\frac{1}{2}$  oz. 20 cts. **Variabilis superbissima aurea.** New. Very fine. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 35 cts.

**VERBENA.** Seed produces more flowers than cuttings.  $1\frac{1}{2}$  feet to 2 feet. **Extra Choice Mixed.** Very fine. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts. **Holmes' Mammoth.** Selected flowers. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 40 cts. **Scarlet Defiance.** Glowing scarlet. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 50 cts. **Pure White.** Pkt. 10 cts.,  $\frac{1}{2}$  oz. 50 cts. **Blue.** White eye. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 50 cts. **Blood-red, with White Center.** One of the most beautiful. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 50 cts. **Auricula-Flowered.** Striped. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 50 cts.

**VIOLETS, Single.** Old-fashioned, sweet. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts.

**WALLFLOWER.** Massive spikes of sweet-scented flowers.  $1\frac{1}{2}$  feet. **Fine German, Double Mixed.** Pkt. 15 cts.,  $\frac{1}{2}$  oz. \$1. **Single Mixed.** Pkt. 5 cts.,  $\frac{1}{2}$  oz. 20 cts.

**WATER LILY** (*Nymphaea*). Nothing is prettier. Few know they will grow from seed in a half-barrel or tub. **Zanzibariensis.** Purple flowers. Pkt. 15 cts.,  $\frac{1}{2}$  oz. \$1.25. **Lotus.** Yellow. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 50 cts. **Alba.** White. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 20 cts.

**YOUTH-AND-OLD-AGE** (*Zinnias*). Flowers all summer, most brilliant display. 1 to 2 feet. **Holmes' Double Yellow.** Dwarf bush; deep orange. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 15 cts. **Giant Mammoth.** Immense double flowers of various striking colors. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 20 cts. **Dwarf Snowball.** Double; pure white. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 20 cts. **Dwarf Fireball.** Fiery scarlet. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 20 cts. **Pompon.** All colors, mixed. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 20 cts. **Striped Zebra.** Double; striped. Pkt. 5 cts.,  $\frac{1}{2}$  oz. 20 cts. **Elegans, Double Mixed.** Pkt. 5 cts.,  $\frac{1}{2}$  oz. 20 cts.

# VINES, TRAILING AND CLIMBING PLANT SEEDS

Nearly every home has old trees, fences, building or what-not that would be regular beauty places if covered with vines and climbing things, but which are now ugly. From the Morning-Glory on through all the list that grow anew from year to year or are permanent, you find many suitable for your use, as screens or for their own sake.

**ASPARAGUS Sprengeri.** Fine for baskets or conservatory. Pkt. 10 cts., 100 seeds 50 cts.

**Plumosus nanus.** A dainty feathery fern. Pkt. 15 cts., 100 seeds \$1.

**ALLEGHENY VINE (Adlumia).** Sometimes called Wood Fringe, Mountain Fringe or Climbing Fumitory. For covering trellises, tree-stumps, etc., it is very desirable. It is biennial, but resows itself, and will remain for years.

**BALLOON VINE (Cardiospermum halicacabum).** A very pretty and graceful climber of spreading habit, producing small white flowers. Called Love-in-a-Puff. Annual. 10 feet. Pkt. 5 cts., oz. 25 cts.

**BLACK-EYED SUSAN (Thunbergia).** A beautiful, tender climber 3 to 5 feet high, with white, pale yellow or orange-colored flowers having a distinct black center.

**Alata, Mixed.** Pkt. 5 cts., 1/4oz. 20 cts.

**CUP-AND-SAUCER (Cobaea).** Elegant, rapid-growing climber, attaining a height of 20 to 30 feet.

**White.** Pkt. 5 cts., 1/2oz. 50 cts.

**Violet-blue.** Pkt. 5 cts., 1/2oz. 25 cts.

**CYPRESS VINE (Ipomoea quamoclit).** This pretty climber has a delicate, dark green, feathery foliage and an abundance of bright, star-shaped, scarlet or white blossoms, 20 feet high. Tender annual.

**White.** Pkt. 5 cts., oz. 25 cts.

**Scarlet.** Pkt. 5 cts., oz. 25 cts.

**Mixed.** Pkt. 5 cts., oz. 25 cts.

**DUTCHMAN'S PIPE (Aristolochia).** A beautiful and rapid climber, with large heart-shaped leaves and singular siphon-shaped, rich, purplish brown flowers, resembling miniature pipes. Effective for verandas. Hardy perennial. 15 to 30 feet.

**Sipho.** Pkt. 10 cts., 1/4oz. 50 cts.

**EVENING GLORY (Ipomoea).** So called from its rare peculiarity of blooming best at night, although it also expands its flowers on dull days. It is a beautiful climber, producing large, pure white, sweet-scented flowers 4 to 5 inches across. Tender annuals. 15 to 20 feet.

**Bona Nox.** White. Pkt. 5 cts., oz. 25 cts.

**Choice Mixed.** All varieties. Pkt. 5 cts., oz. 25 cts.

**Mexicana grandiflora alba.** White. Pkt. 5 cts., oz. 40 cts.

**Hybrida.** Blue. Pkt. 5 cts., oz. 25 cts.

**JAPAN VIRGIN BOWER (Clematis).** Leaves bright, glossy green, and when in bloom the plant is completely hidden beneath a blanket of white, hawthorn-scented blooms. 8 to 40 feet.

**Paniculata.** Pkt. 5 cts., 1/4oz. 25 cts.

**GOURDS.** Summer climbers of luxuriant growth, for covering arbors, etc. They bear fruit known as Ornamental Gourds, which, when allowed to ripen on the vines, can be kept for months as curiosities. 10 to 30 feet. Annual.

**Mixed Ornamental.** Pkt. 5 cts., oz. 25c.

**Sugar Trough (Sap Bucket).** Pkt. 5 cts., oz. 25 cts.

**White Egg (Nest Egg).** Like an egg. Pkt. 5 cts., oz. 25 cts.

**Dish Cloth.** Pkt. 5 cts., oz. 25 cts.

**Mock Orange.** Pkt. 5 cts., oz. 25 cts.

**JAPANESE HOP (Humulus).** A summer climber, in three or four weeks' time attaining a height of 20 to 30 feet.

**Japonicus variegatus.** Foliage is remarkably attractive. In three or four weeks' time attaining a height of 20 to 30 feet. Being an annual, it attains full perfection the first season. A dense covering for verandas, trellis, etc. Heat, drought and insects do not trouble it. Pkt. 5 cts., 1/2oz. 20 cts., oz. 35 cts.

**LINARIA (Kenilworth Ivy, or Mother of Thousands).** This hardy little climber clings to walls, etc., and is a valuable trailing plant for hanging-baskets, vases, rockwork, etc. Hardy Perennial. 3 to 6ft.

**Cymbalaria.** Violet flowers. Pkt. 15 cts., 1/4oz. 35 cts.

**JAPANESE KUDZU VINE (Pueraria Thunbergiana).** The fastest growing hardy climbing plant. It will grow 8 to 10 feet the first year from seed, and after it becomes established there seems to be no limit to its growth, 50 feet in a single season being not unusual. Its foliage is large and covers well; it bears small racemes of rosy purple, pea-shaped blossoms towards the end of August. Pkt. 10 cts., 1/4oz. 40 cts.

**MORNING-GLORY (Convolvulus).** Splendid for screens; it grows rapidly and bears its various-colored flowers in great profusion.

**Rochester.** Flowers blue, white edge. Pkt. 5 cts., oz. 25 cts.

**True Japanese Morning-Glory.** Large flowers of exquisite colorings; foliage variegated. Pkt. 5 cts., oz. 25 cts.

**Fine Mixed.** Pkt. 5 cts., oz. 15 cts.

**Tricolor, or Minus.** Rich-colored trailing plants, producing in beds and mixed borders an unusually brilliant effect. 1 foot. Pkt. 5 cts., oz. 15 cts.

**MOMORDICA.** Annual climbers, with large leaves, making dense shade. The flowers are followed by ornamental large fruits of orange or copper color, which burst and expose their red centers.

**Balsamina (Balsam Apple).** Pkt. 5 cts., oz. 25 cts.

**Charantia (Balsam Pear).** Pkt. 5 cts., oz. 25 cts.

**MAURANDYA.** Graceful climber for greenhouse, parlor, basket or outdoor purposes. Set out in the border with a little frame. They will be loaded all the season with rich purple, white, or rose foxglove-shaped blossoms.

**Fine Mixed.** Pkt. 10 cts., 1/4oz. 25 cts.

**Large-flowering Rose.** New. Pkt. 10c., 1/4oz. 25 cts.

**Dark Purple.** Pkt. 10 cts., 1/4oz. 25 cts.

**PASSION FLOWER (Passiflora caerulea).** Blue. Their wax-like flowers measuring 2 to 3 inches across, derive their name from the resemblance to the instruments of our Lord's Passion and its attendant circumstances; thus the three nails—two for the hands and one for the feet—are represented by the stigma; the five anthers indicate the five wounds; the rays of glory, or, as some say, the crown of thorns, are represented by the rays of the "corona," the ten parts of the perianth represent the disciples, two being absent (Peter, who denied, and Judas, who betrayed our Lord), and the wicked hands of his persecutors are seen in the digitate leaves of the plant and the scourges in the tendrils. The vines grow 8 to 10 feet and are free-flowering. Pkt. 10 cts., 1/4oz. 25 cts.

**PORTULACA.** Any dry, bare spot exposed to the burning sun and not fit for anything else will be the very place for Portulacas. Annual. Trailing.

**Finest Single Mixed.** Brilliant color. Pkt. 5 cts., oz. 35 cts.

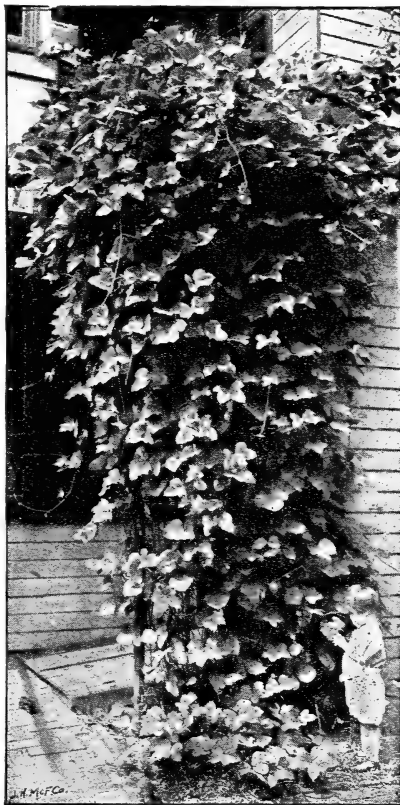
**Double Rose-flowered Mixed.** The brilliancy of this mixture is unequalled. Pkt. 10 cts., 1/4oz. 50 cts.

**POPPY MALLOW (Callirhoe involucrata).** An elegant trailing plant, with finely divided foliage and large saucer-shaped flowers of deep rosy crimson, with white centers, which are produced during the entire summer. Pkt. 5 cts., 1/4oz. 20 cts.

**SMILAX (Myrsiphyllum asparagoides).** 10 feet. Tender perennial. Pkt. 5 cts., 1/4oz. 25 cts.

**SAND VERBENA (Abronia umbellata).** An elegant trailer, very desirable for hanging-baskets, garden borders or rockwork, bearing clusters of beautiful, fragrant flowers. Sow in May. Annual. Pkt. 5 cts., 1/4oz. 20 cts.

**WILD CUCUMBER VINE (Echinocystis lobata).** One of the quickest growing vines we know of, attaining a height of 30 feet in a season; white fragrant flowers borne in great profusion; dense foliage. Pkt. 5 cts., 1/4oz. 20 cts.



Japanese Kudzu Vine



Clematis paniculata



## HARDY CLIMBING PLANTS

Prices quoted are for large pot-grown plants that must be shipped by express, you paying the express charges, or send 15 cts. extra for each plant and we will pay all charges

**AMPELOPSIS Veitchi** (Boston Ivy, or Japan Ivy). Foliage rich olive-green during the summer, changing to various shades of bronze, crimson and scarlet in the fall. Plants 2 to 3 feet, 40 cts. each.

**ARISTOLOCHIA siphon** (Dutchman's Pipe Vine). A rapid-growing climber; singular brownish colored flowers, resembling a pipe. Light green leaves; very large plants. 12 to 18 inches, 60 cts. each.

**BIGNONIA** (Trumpet Creeper). For covering stumps, rock-work. The rich orange-scarlet flowers are large, attractive and borne profusely. Plants 2 to 3 feet, 35 cts. each.

**CLEMATIS paniculata** (Japanese Virgin's Bower). Of strong, rapid growth, with small, green foliage and pure white, deliciously fragrant flowers which appear in the greatest profusion in August. 3-year-old plants, 45 cts. each.

**Jackmani**. The popular purple variety. 3-year-old plants, 45 cts. each.

**Henryli**. Large creamy white flowers. 45 cts. each.

**Crispa**. Bears an abundance of pretty bell-shaped, fragrant lavender flowers, with white center, from June until frost. Plants from 5-inch pots. 65 cts. each.

**HONEYSUCKLES, Chinese Evergreen** (Woodbine). Red, yellow and white variegated flowers; very fragrant. Plants from 5-inch pots, 65 cts. each.

**Halliana**. Flowers pure white, turning to yellow; fragrant, hardy evergreen; flowers freely. Plants from 5-inch pots, 65 cts. each.

**Heckrotti**. Deep red flowers, with yellow throat; in bloom continuously. 45 cts. each.

**HARDY JASMINES** (Nudiflorum). Fragrant yellow flowers; needs protection in this latitude. Plants from 5-inch pots, 65 cts. each.

**Officialis**. Pure white, fragrant; hardy, with protection in this latitude. Plants from 5-inch pots, 65 cts. each.

**CHINESE WISTARIA**. When given a sunny situation and liberal manuring it grows rapidly; a magnificent appearance.

**Sinensis**. The favorite variety, producing thousands of pendulous clusters of delicate violet-blue blossoms, richly perfumed. Extra-strong plants, 2 to 3 feet, 50 cts. each.

**Alba**. Of similar habit to Sinensis, with pure white flowers; a lovely climber. Plants, 1 foot grafted, 75 cts. each.

## HARDY ROSES

Hardy Roses are permanent guests in your garden or about your home. As often as summer comes again they are there with the fragrance and beauty and elegance of old-fashioned places. Put a bed in an empty place, or a row around the outside. The plants we offer are all two-year-old, pot-grown, 2 feet high, many of them in bud when shipped. All are absolutely free from disease and guaranteed to be satisfactory.

Any of the following large 2-year-old plants 50 cts. each, \$5 per doz., by express, you pay charges; 1-year-old plants of the same varieties 25 cts. each, \$2.50 per doz., you pay express

**Souv. de Pierre Notting**. Superb new Tea Rose. A cross of Marechal Niel on Maman Cochet. Blooms very double, large, well filled and opens easily. Color, apricot-yellow, tinged with golden. Rim of petals shaded beautiful carmine-rose. Great quantity of bloom.

**Kaiserin Augusta Victoria** (Hybrid Tea.) One of the most desirable white Roses for summer bedding; large, strongly fragrant flowers of snowy whiteness, produced in great profusion; a strong, healthy grower, with large foliage.

**Killarney**. A splendid new Hybrid Tea Rose; strong, robust grower; free, continuous bloomer; color is brilliant, sparkling pink; flowers are extra large and the buds long and pointed. Altogether a Rose of unusual beauty and excellence.

**Clothilde Soupert**. (Hybrid Tea.) One of the freest flowering Roses in our collection, producing in large clusters beautiful, perfect double flowers of a French-white, deepening to rosy blush in the center.

**Duchesse de Brabant**. One of the most deliciously scented and beautiful in cultivation, silvery pink, free growth

**Etoile de Lyon**. (Hybrid Tea.) A splendid rich yellow, beautiful in the bud as well as in the flower.

**Francisca Kruger**. A fine bedding Rose; color, coppery yellow, shaded with peach; large and full.

**Hermosa**. The old favorite bright rich pink, which is always in bloom.

**Maman Cochet**. (Everblooming Tea.) An extra-strong grower, producing large buds and flowers in the greatest profusion; color deep rose-pink, inner side of petals silvery rose; borne on long, stiff stems; very double and exquisite when in bud.

**White Maman Cochet**. (Everblooming Tea.) Identical with Maman Cochet, except in color; an ideal bedding variety; pure white.

**Frau Karl Druschki**. (Hybrid Perpetual.) This is an ideal hardy white Rose, pure in color, perfect in form; strong grower and remarkably free-flowering; superb in every way.

**Helen Gould, or Balduin**. An excellent bedding variety, with large, full flowers of fine form, bright, glowing carmine; the buds are long and pointed and sweet as a June Rose; a free and continuous bloomer.

**General Jacqueminot**. (Hybrid Perpetual.) Brilliant scarlet-crimson.

**La France**. (Hybrid Tea.) An old favorite and probably the most popular Rose the world over. A model garden Rose in every way; flowers clear satiny pink; large, very full and of perfect form.

**Gloire Lyonnaise**. (Hybrid Perpetual.) White, tinted with yellow; large, full and of good shape; very distinct and pleasing.

**Magna Charta**. (Hybrid Perpetual.) Bright pink, suffused with carmine; a beautiful Rose; strong, vigorous grower.

**Mrs. John Laing**. (Hybrid Perpetual.) Soft pink, of beautiful form; exceedingly fragrant and remarkably free flowering.

**Paul Neyron**. The largest Rose; smoky rose color. An old favorite.

### CLIMBING ROSES

**Crimson Rambler**. Plants 2 to 3 feet, 50 cts. each.

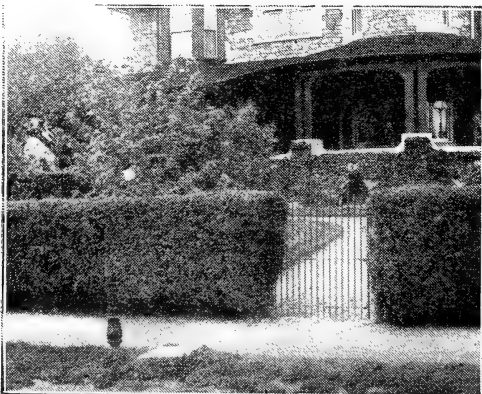
**Pink Rambler**. Plants 2 to 3 feet, 50 cts. each.

**White Rambler**. Plants 2 to 3 feet, 50 cts. each.

**Yellow Rambler**. Plants 2 to 3 feet, 50 cts. each.

## HEDGE PLANTS

With Hedge Plants you can change the appearance of your home from that of extreme wilderness to that of a well-kept park, from plainness to luxury. A hedge about a place marks that place at once as the home of a careful and a prosperous owner, and best of all, it need not cost much. Although not listed here, we have splendid stocks of Amoor River Privet, as well as Chinese and Golden Arborvitae.



Hedge of California Privet

### California Privet (*Ligustrum ovalifolium*)

More of it has been planted than all others combined. Its foliage is a rich dark green and is nearly evergreen, remaining on the plant until midwinter. It is of free growth, and succeeds under the most adverse conditions, such as under dense shade of trees where other plants would not exist. The best manner of planting is in double rows, the two rows being about 8 inches apart. The smallest size plants here offered should be set 10 to 12 inches apart in the row—alternating the plants—while the larger sizes may be set 12 to 15 inches apart. In order to secure a dense hedge from the base up, the plants should be severely pruned the first two seasons. **Plants 18 to 24 inches, \$3.50 per 100, \$30 per 1,000. Plants 2 to 3 feet, \$5.50 per 100, \$50 per 1,000. 3 to 4 feet, \$8.50 per 100, \$80 per 1,000.**

### Arborvitae

You can get plants for a hedge 150 feet long, beautiful in appearance, at a cost of \$2. We have an immense supply of these plants. Order as many lots as you want. We are making a special offer of **200 4- to 8-inch trees**, delivered anywhere, for only \$2, or **150 8- to 12-inch trees**, delivered anywhere for only \$2.

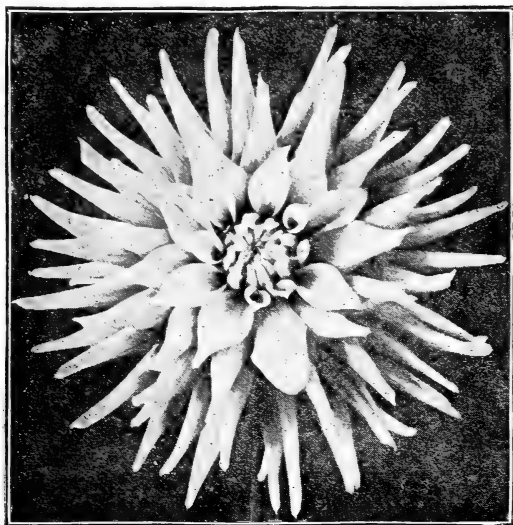
An illustrated pamphlet of Planting Instructions will be sent free to every one who accept this special offer. This little pamphlet will be of great value to many heretofore unsuccessful planters, and by following the instructions given there need be no failures and every tree can be made to live and thrive. More than 600,000 of them sold last spring and all are pleased. **Always shipped separately and not with other goods.** No order accepted for less than one lot at these prices. We can ship this evergreen all through late winter, spring and up to June 10, with perfect safety. It does not start new growth until after June 15.



# SUMMER-FLOWERING BULBS

PLANT IN APRIL AND MAY FOR FLOWERS IN JUNE, JULY, AUGUST AND SEPTEMBER

Some of the most beautiful flowers we have grown from bulbs. These are so easily cared for and handled that you never need hesitate about planting them. The Gladioli particularly are now taking a place which in amount grown is second to none but roses and peonies in America.



Kriemhilde Dahlia

## Begonias, Tuberous-rooted

**Single, Mixed.** The flowers are brilliant, handsomely formed, and of wonderful size, often measuring from 4 to 6 inches. Fine either as pot or bedding plants. 8 cts. each, 75 cts. per doz., postpaid.

## LARGE-FLOWERING CANNAS

THE VERY BEST VARIETIES, LARGEST FLOWERS AND RICHEST SHADINGS

### THE FOLLOWING GROW 3 TO 4 FEET HIGH

- Alsace.** Pale sulphur, changing to creamy white; planted in conjunction with the high-colored sorts it makes a fine contrast; green.
- Beaute Poitevine.** Brilliant crimson with scarlet shadings; a grand dwarf variety; foliage green.
- Buttercup.** The nearest approach to a clear yellow.
- Duke of Marlborough.** The finest of the very deep crimsons; fine individual blooms in large trusses, free flowering; foliage green.
- Egandale.** A favorite bronze-leaved sort; currant-red flowers.
- Florence Vaughn.** Bright, rich golden yellow, spotted with red.
- Mme. Crozy.** Popular bright scarlet, golden edge; foliage green.

### THE FOLLOWING GROW 5 TO 6 FEET HIGH

- Mlle. Berat.** The nearest approach to a pink in a first-class bedder; foliage green.
- Alphonse Bouvier.** Finest tall brilliant crimson; foliage green.
- Austria.** Lily-flowered Canna. In truth a giant, with flowers 6 to 8 inches across, lily-like; rich golden yellow with great patches of brilliant reddish crimson and irregular spots of the same shade on the upper petals.
- Italia.** Bright orange-scarlet, with broad golden yellow border; the flowers are produced on massive stems, set well above the foliage, which is large and heavy.
- Pennsylvania.** The flowers which measure fully 6½ inches, are produced remarkably freely and are of an intense vermilion-scarlet, overlaid with an orange sheen.

Any of the above roots, 10 cts. each, \$1 per doz., postpaid; plants 12 inches high, ready in May, 15 cts. each, \$1.50 per doz., by express (express charges not prepaid).

## Spotted-Leaf Calla Lily

(*Richardia alba maculata*)

Leaves of this variety are deep green with numerous white spots. Flowers are pure white, black center. 10 cts. each, \$1 per doz., postpaid.

## Cinnamon Vine

A most beautiful and satisfactory hardy climber for covering trellis, piazzas, screens or anything, 15 to 30 feet high, and when the roots become large and established the vines attain a much greater length. The leaves are green, thick and glossy, always clean, healthy and free from insects. The white flowers are born in clusters, and while insignificant, they emit a most delightful cinnamon-like perfume. The roots are thoroughly hardy, remain in the ground for years, increasing in size and vigor, but the vine dies down every winter and shoots up with great rapidity in the spring. Large 2-year-old roots, 8 cts. each, 80 cts. per doz.; 1-year-old roots, 4 cts. each, 35 cts. per doz.

## NEW DAHLIAS

The best of their respective classes. Special Dahlia Catalogue sent free upon application.

All Dahlias listed 15 cts. each, \$1.50 per doz., except where noted

### DECORATIVE DAHLIAS

- Admiral Dewey.** A rich purple; very free.
- Catherine Duer.** Iridescent geranium-red; a favorite at Newport, where it is used extensively for cutting.
- Clifford W. Bruton.** A fine bright yellow.
- F. L. Bassett.** Carmine-purple, shading deeper at the center.
- Lyndhurst.** Brilliant cardinal-red; a fine cut-flower.
- Henry Patrick.** A beautiful pure white.

### CACTUS DAHLIAS

**Countess of Lonsdale.** A peculiar but pleasing blending of salmon-pink and amber; a color difficult to describe. Flowers freely under all conditions.

**Gen Buller.** Cardinal-red; each petal tipped with white.

**Keyne's White.** A fine white, of perfect shape.

**Volker.** A charming free-flowering pure yellow.

**Kriemhilde.** A most popular cut-flower variety; perfect flowers on long stems; color a brilliant pink, gradually shading to white at the center.

**Amos Perry.** Flowers very large, with long tubular petals. Color fiery red; one of the earliest and freest flowering.

### SHOW DAHLIAS

**Arabella.** Light sulphur-yellow, shaded peach-blossom on edges; a fine flower.

**Duchess of Cambridge.** Base of petals white suffused pink, heavily tipped dark crimson.

**Miss May Loomis.** White, suffused with soft rose; very pretty.

**John Thorpe.** Solferino-rose, of perfect form.

**John Walker.** An elegant pure white.

**Red Hussar.** Pure cardinal-red; perfect form.

### FANCY DAHLIAS

**Chameleon.** Flesh-colored center, shading to crushed strawberry, with yellowish blending.

**Admiral Schley.** Rich crimson, with garnet edges and a broad band of pure white through the center of each petal.

**Lucy Fawcett.** Sulphur-yellow striped and spotted carmine-rose.

**Mrs. Stancombe.** Straw-yellow, suffused amber, striped red and mottled and tipped blush.

**Keystone.** Light rose, spotted and striped crimson.

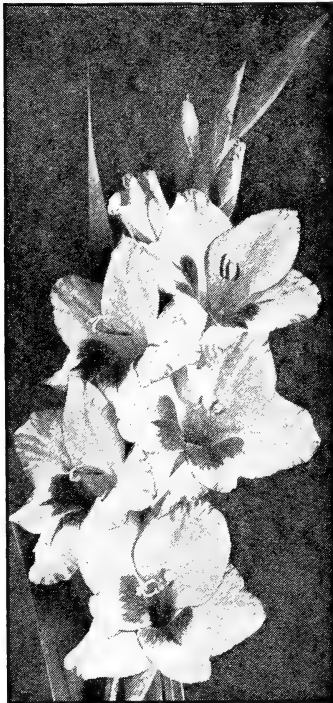
**Eloise.** White, tinted flesh, each petal edged with deep purplish garnet.



Bed of Cannas

## Elephant's Ear (*Caladium esculentum*)

One of the most effective plants in cultivation for beds, borders or for planting out upon the lawn; it will grow in any good garden soil, and is of the easiest culture. To obtain the best result it should be planted where it will obtain plenty of water and an abundance of rich compost. Foliage light green. When full size it stands 6 to 10 feet high, and bears immense leaves, 3 to 4 feet long by 2½ feet wide. Extra-large bulbs, 25 cts. each, \$2.50 per doz., \$15 per 100. First-size bulbs, 15 cts. each, \$1.50 per doz., \$10 per 100. Second-size bulbs, 10 cts. each, \$1 per doz., \$7.50 per 100. If wanted by mail, add 8 cts., 10 cts., and 15 cts. each, according to size, for postage.



Gladiolus

on a white ground. 5 cts. each, 50 cts. per doz., \$3.50 per 100.  
**Eugene Scribe.** Large, open flowers of a tender rose color, blazed with carmine. 8 cts. each, 75 cts. per doz., \$5.75 per 100.  
**Gil Blas.** Immense orchid-like flowers of a salmony rose, with a fire-red blotch on straw-colored ground. 8 cts. each, 80 cts. per doz., \$5.50 per 100.  
**Geo Paul.** Enormous wide-open, amaryllis-like flowers of a rich ruby-garnet shade. 8 cts. each, 80 cts. per doz., \$5 per 100.  
**La Mark.** Cherry tinted with orange and red, stained pure white. 5 cts. each, 45 cts. per doz., \$3 per 100.  
**May.** White ground, penciled with crimson. 5 cts. each, 40 cts. per doz., \$2.25 per 100.  
**Mrs. Beecher.** Brilliant crimson-scarlet with white throat. 6 cts. each, 50 cts. per doz., \$3.75 per 100.  
**Octoroon.** Salmon-pink. 8 cts. each, 75 cts. per doz., \$5 per 100.  
**Victory.** A fine yellow. Flowers of medium size and many open at the same time. 12 cts. each, \$1.25 per doz., \$9 per 100.

## Gloxinias

The handsomest of our summer-blooming plants, flowers being beautiful in the extreme, many of them handsomely speckled. 12 cts. each, \$1 per doz., postpaid.

## Giant Summer Hyacinth

(*Hyacinthus candicans*)

A luxuriant growing, summer-flowering plant, spreading 2 to 3 feet, throwing up great tall spikes 4 to 5 feet in height, each 20 to 30 large white, bell-shaped flowers, of easiest culture and splendid for groups. If planted in the center of beds of scarlet Gladioli, such as Brenchleyensis, the effect is magnificent. 4 cts. each, 40 cts. per doz., \$3 per 100, postpaid.

## COWEE'S GLADIOLI

### GROFF'S NEW HYBRIDS

These magnificent new hybrid Gladioli are claimed to surpass all other varieties in size of flowers and exquisite coloring; their many new shades and countless combinations of rare and beautiful colors are truly wonderful. Bulbs, 4 cts. each, 40 cts. per doz., \$2.75 per 100, postpaid.

### HOLMES' POPULAR STRAIN

Very high-grade mixture. Bulbs, 2 cts. each, 20 cts. per doz., \$1.50 per 100, postpaid.

### SEPARATE COLORS

**America.** A new variety, which is conceded to be one of the very finest for cutting or bedding. A beautiful soft flesh-pink; growth perfect. 8 cts. each, 80 cts. per doz., \$5.50 per 100.  
**Augusta.** A lovely white variety. 4 cts. each, 40 cts. per doz., \$2.25 per 100.  
**Emma Thursby.** Beautifully striped carmine

## Jacobaeae Lily (*Amaryllis formosissima*)

Flowers resemble lilies, and are very attractive; the glowing crimson color lightens up the entire garden. 8 cts. each, 75 cts. per doz., postpaid.

## Hardy Lilies

**Speciosum album.** The most important of all the Japanese Lilies; always satisfactory. The variety here offered has large white flowers of great substance, with a greenish band running through the center of each petal. 9 to 11-inch bulbs, 20 cts. each, \$2 per doz., \$12 per 100. If by mail, add per bulb 3 cts.

**Speciosum rubrum.** White, heavily spotted with rich crimson spots. 9 to 11-inch bulbs. Same price as *Speciosum album*.

**Tigrinum.** Tiger Lily. Orange, spotted black; 2 to 5 feet; summer. 10 cts. each, 75 cts. per doz., \$5 per 100.

**Auratum.** The glorious Gold-banded Lily of Japan, and one of the grandest plants in cultivation. Its immense, ivory-white flowers are thickly studded with yellow and crimson spots, while in the center of each petal is a golden band, fading at its edges into white. From five to ten magnificent flowers from each bulb the first year. 15 cts. each, \$1.50 per doz.

## Climbing Mignonette (MADEIRA VINE)

So much prized for porches and arbors, on account of its rapid growth and freedom from insects. Thick, glossy leaves and long, hanging stems of feathery, fragrant, white flowers. The tubers we offer are selected large size. 5 cts. each, 50 cts. per doz., \$3.50 per 100, postpaid.

## Montbretia

One of the most showy of summer-flowering bulb plants. A dozen or more planted 6 inches apart in a group in a sunny position will form magnificent clumps from 2 to 3 feet across, producing, in great numbers, graceful spikes 8 to 12 inches long, each spike bearing from 18 to 30 exceedingly showy star-shaped flowers, 1½ to 2 inches across. They flower freely the first season, but two or three years are required to bring out their merits. Mixed hybrids. Various colors. 4 cts. each, 40 cts. per doz., \$3 per 100, postpaid.

## Hardy Peonies

**Best Red, Pink, White and Purple.** Large roots, any color. 25 cts. each, \$2.40 per doz., postpaid.

## Tiger, or Shell Flower (TIGRIDIAS)

These gorgeous summer-flowering bulbs look well associated with gladioli, lilies and kindred stock; grow about 1½ feet high, and flower freely throughout the summer. They require the same treatment as gladioli.

**Conchiflora.** Golden yellow, spotted crimson.

**Pavonia grandiflora.** Bright crimson, center spotted with yellow.

**Grandiflora alba.** Ivory-white, yellow center, spotted with crimson.

Price of any of above, 5 cts. each, 40 cts. per doz., \$3 per 100, postpaid

## Tuberose

Pure white sweet-scented flowers on long spikes.

**Mammoth Bulbs.** 8 cts. each, 80 cts. per doz., postpaid. **Medium Bulbs.** 5 cts. each, 25 cts. for 6, 50 cts. per doz., postpaid.

## Japanese Fern Balls

Direct from Japan. The Ball is composed of the Japanese Island Fern Roots and Sphagnum Moss, and so constructed as to send out leaves of beautiful emerald-green from every point. They grow rapidly, and make a handsome ornament for the home, conservatory and greenhouse. Directions for starting: The Fern Ball may be allowed to dry up at any time and be set away, and started again by watering as before. These Fern Balls arrive from Japan about December. 35 cts. When ordered by mail, add 10 cts. postage.



Hardy Peonies

# SUPPLIES FOR LAWN, FARM, DAIRY AND GARDEN

Modern orchard, poultry and lawn practice has become so much of a science nowadays that it calls for many materials, machines and tools, and as yet hard to get at right prices. Here you will find listed for the poultry plant, orchard, dairy, or farm and garden both the commonly used things at lower prices than usual, and the special articles just lately coming into use. All are in a quality which we know is satisfactory for the purpose intended, of good value for the money, and a good grade in every way. It will pay you to buy your ordinary tools and utensils here; and also when you buy a cream separator, incubator, mill, or similar once-in-ten-year purchase. You can nearly always get better prices for the same goods here than elsewhere.

## LAWN SUPPLIES

Everything for the lawn from lawn seed to the auto-gasoline mower. Our space for illustrating is limited, but our stock of supplies is almost unlimited. If what you want is not here, write for prices. We have it. For insecticides and weed killer see page 63.

### Holmes' Lawn Dressing

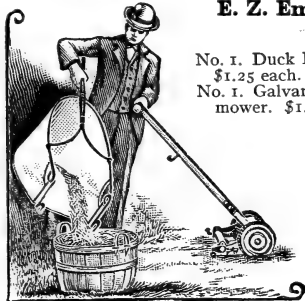
A perfect food for the grass, and may be applied in the spring, throughout summer or in the autumn. It gives immediate nourishment. We manufacture it under state license, and it is of higher commercial value than any other. Lb. 7 cts., 5 lbs. 30 cts., 10 lbs. 60 cts., 50 lbs. \$2.75, 100 lbs. \$5.

### E. Z. Emptying Grass Catcher

Fits any mower

No. 1. Duck Bottom, for 12- to 13-inch mower. \$1.25 each.

No. 1. Galvanized steel bottom, for 12- to 13-in. mower. \$1.50 each.



### Wooden Fan Trellis

18-inch .....	\$0 15
24-inch .....	25
30-inch .....	35
36-inch .....	40
42-inch .....	50
48-inch .....	60

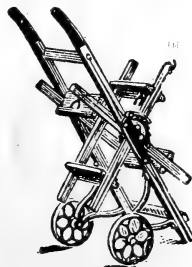
### Queen Lawn Rake. Price, 40 cts.



### Best Grade Guaranteed Garden Hose

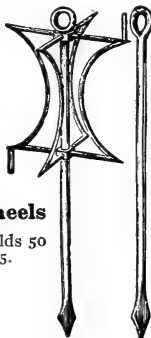
Two of the very best grades of Rubber Hose, the kind that lasts for years with a little care. Price includes all connections fitted on hose.

	Per foot
¾ inch (inside) Velvet Hose .....	\$0 18
½ inch (inside) Velvet Hose .....	16
½ inch (inside) Electric Hose .....	18



### Gem Hose Nozzle

35 cts. each.



### Hose Reel, on Wheels

Substantially built. Holds 50 feet of ¾-inch hose. \$2.25.

### Holmes' Eureka Garden Reels

Single, 2 arms, \$1.50. Double, 4 arms, \$2.

### Lawn Sprinklers

Peck's, 8 arm .....	\$3 50	California .....	\$1 25
Four arm .....	3 00	Enterprise .....	3 50

### Ball-Bearing Hand Lawn Rollers (A child can run them)

No.	Diam.	Length	Sec.	Lbs.	Price
1	15 in.	15 in.	2	150	\$7 15
2	15 in.	22 in.	3	200	9 40
3	20 in.	16 in.	2	225	10 50
4	20 in.	20 in.	2	250	11 60
5	20 in.	20 in.	1	250	11 60
6	20 in.	24 in.	3	300	13 90
7	20 in.	24 in.	2	300	13 90
8	20 in.	30 in.	3	350	16 50

### LAWN MOWERS

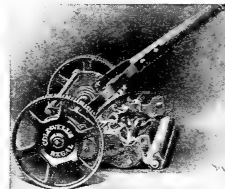
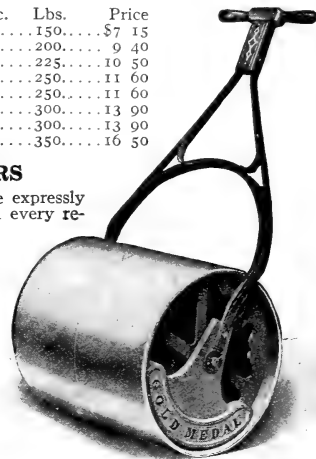
All our mowers are made expressly for us and are high-class in every respect. Every mower sold with a guarantee to be as represented. Made from the very highest class of materials by skilled mechanics.

**The Holmes.** The best low-priced machine for general use. Superior to all others of its class. 10-inch, \$2.50; 12-in., \$2.75; 14-in., \$3; 16-in., \$3.25; 18-in., \$3.50.

**The Lakewood.** High wheel, ball-bearing, giving a continuous smooth cut. Designed for hand service, simple in construction, parts properly adjusted; runs easily. 14-inch, \$5.50; 16-inch, \$6.50; 18-inch, \$7.50.

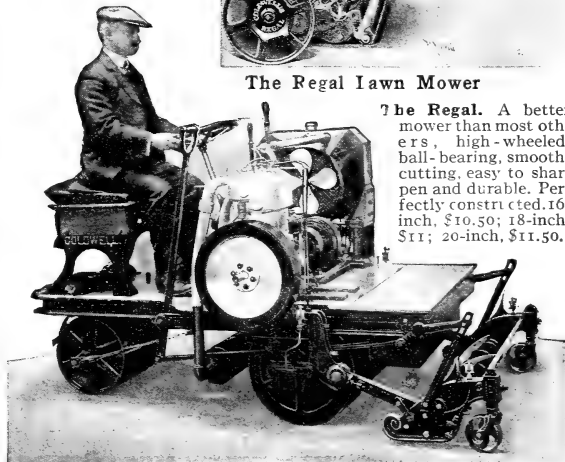
**Caldwell Motor.** A power-driven mower, which is the only thing to use on parks and golf courses. It does perfect work and will cut an acre very quickly. Write for details and prices.

We also carry the Grand Lawn Mower as well as horse mowers and Lawn Seeder for large lawns. Prices on application.

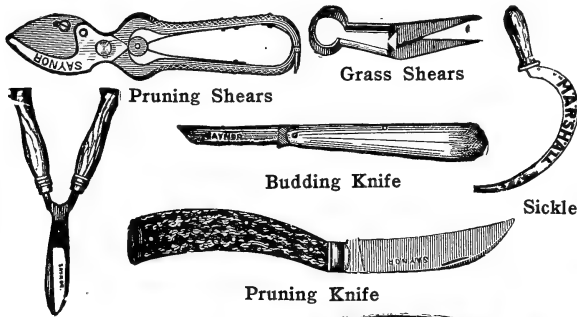


### The Regal Lawn Mower

**The Regal.** A better mower than most others. High-wheeled, ball-bearing, smooth-cutting, easy to sharpen and durable. Perfectly constructed. 16-inch, \$10.50; 18-inch, \$11; 20-inch, \$11.50.



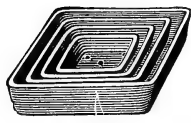
Caldwell Motor Mower



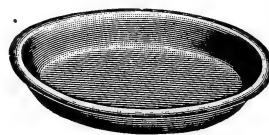
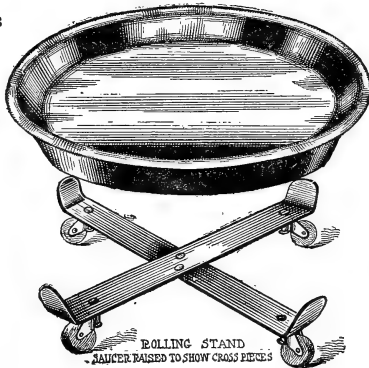
English Hedge Shears



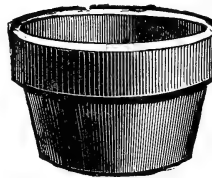
Fern Pans



Seed Pans



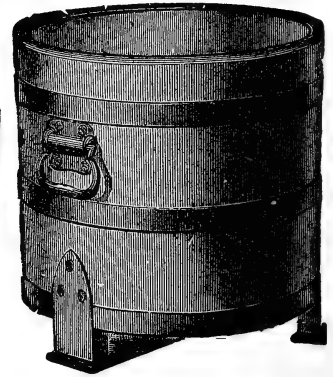
Wood Fiber Flower-Pot Saucer



Bulb Pan



Flower Pot



Cedar Tub



Wire Plant Stand

## LAWN SUPPLIES, continued

## English Hedge Shears

8-inch.....	\$1 50
10-inch.....	2 00
12-inch.....	2 50

## Pruning Shears

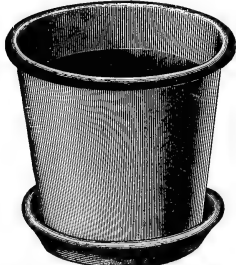
German, 8-inch.....	\$0 45
Swiss, 8-inch.....	1 75

## Grass Shears

25 cts. and 50 cts.

## Sickles

25 cts. and 40 cts.



Wood Fiber Plant Tub



Earthenware Saucer

## Budding Knives

Field.....	\$1 00
Saynor.....	1 25

## Pruning Knives

American.....	\$0 50
English.....	1 00

## Whet-Stones

5 cts., 10 cts. and 15 cts.

## Lawn Sweeper, Gem

Price \$15

## Flower Pots, Earthen

Height and width inside	Each	Doz.	100	1,000
1 inch.....	\$0 01	\$0 08	\$0 60	\$3 75
2 inches.....	01	08	60	4 00
2 1/4 ".....	01	08	60	4 45
2 1/2 ".....	02	10	75	5 50
3 ".....	02	15	1 50	7 00
3 1/2 ".....	02	18	1 25	8 50
4 ".....	02	25	1 50	11 00
4 1/4 ".....	03	30	1 60	12 50
4 1/2 ".....	03	30	2 00	14 90
5 ".....	04	40	2 75	20 00
5 1/2 ".....	05	45	3 25	25 00
6 ".....	05	55	4 00	30 00
6 1/2 ".....	06	70	4 75	44 00
7 ".....	08	85	6 50	55 00
8 ".....	12	1 25	9 00	110 00
9 ".....	20	1 75	14 00	170 00
10 ".....	25	2 30	17 50	148 50
11 ".....	30	2 90	23 00	
12 ".....	45	4 25	36 00	
14 ".....	70	7 90	60 00	
16 in., hand-made.....	1 50	13 50		

## Fern Pans

Width	Height	Each	Doz.	100	Width	Height	Each	Doz.	100
4 in.	1 1/8 in.	\$0 04	\$0 40	\$3 00	7 in.	2 3/4 in.	\$0 09	\$0 70	\$6 00
4 1/4 in.	2 1/8 in.	05	45	3 50	8 in.	3 1/8 in.	11	90	7 50
5 1/2 in.	2 3/4 in.	06	50	4 00	9 in.	3 3/4 in.	15	1 00	8 00
6 1/4 in.	2 1/2 in.	07	60	4 50					

## Bulb Pans, Earthenware

Diam. inside	Each	Doz.	100	Diam. inside	Each	Doz.	100
6 inches.....	\$0 07	\$0 75	\$3 75	12 inches.....	\$0 25	\$2 35	\$15 00
7 ".....	08	85	4 80	14 ".....	50	4 45	30 00
8 ".....	10	1 10	6 00	16 ".....	90	7 80	60 00
9 ".....	15	1 30	8 40	18 ".....	1 25	11 70	90 00
10 ".....	20	1 70	10 80				

## Seed Pans, Earthenware

	Each	Doz.		Each	Doz.
6 inches, square.....	\$0 20	\$2 00	10 inches, square.....	\$0 30	\$3 00
8 ".....	25	2 50	12 ".....	40	3 50

## Earthenware Saucers

	Each	Doz.	100		Each	Doz.	100
4 inches.....	\$0 02	\$0 20	\$1 12	9 inches.....	\$0 06	\$0 65	\$4 80
5 ".....	03	30	1 40	10 ".....	07	80	6 00
6 ".....	03	35	1 88	11 ".....	10	1 00	7 20
7 ".....	04	40	2 40	12 ".....	12	1 25	9 00
8 ".....	05	55	3 60	14 ".....	20	2 00	15 00

## Wood Fiber Flower Vases

Order by No.	Diameter only in.	Depth inside	Mahogany	Enam. Green
0	8	13.....	\$5 40	\$7 20
1	5 1/2	10.....	4 80	6 00
2	4 1/2	9.....	4 20	5 40
3	4	6.....	3 60	4 80
4	3	4 1/2.....	2 80	3 80
000	9	29.....	28 00	30 00
00	9	22.....	21 00	25 00
01	7	20.....	12 00	15 00
11	5 1/2	18.....	6 00	7 20
22	4 1/2	15.....	5 40	6 60
33	4	12.....	4 80	6 00
44	3	9.....	4 20	5 40

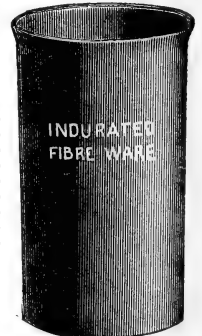
## Wood Fiber Plant Tubs

Complete, with saucers

	Green enameled	Mahogany color
10 inches.....	\$0 75	\$0 50
12 ".....	95	60
16 ".....	1 60	1 20
18 ".....	4 00	3 40

## Wire Plant Stand

Price, 2-shelf \$3, 3-shelf \$4.



Wood Fiber Flower Vase

## LAWN SUPPLIES, continued

## Roller Stands, Wood Fiber

For heavy plants and palms. Made of indurated fiber ware.

Approximate outside diam.	Takes fiber tub diam. at top	Takes wooden tub diam. at bottom	Each	Doz.
12 inches	10 inches	10 inches	\$0 55	\$6 00
14 "	12 "	11 "	65	7 20
16 "	14 "	13 "	80	9 00
18 "	"	15 "	90	10 00
20 "	"	17 "	1 05	12 00
22 "	"	20 "	1 30	15 00

## Flower Pot Saucers, Wood Fiber

4 inches	Each	Doz.	100	10 inches	Each	Doz.	100
5 "	\$0 09	\$1 07	\$8 75	12 "	\$0 15	\$1 55	\$12 80
6 "	10	1 10	9 00	14 "	17	1 90	15 00
7 "	11	1 15	9 25	16 "	22	2 50	20 00
8 "	12	1 25	10 20	18 "	38	4 35	35 00
9 "	13	1 35	10 80		42	4 95	40 00
	14	1 45	12 00				

## Lawn Rake, Automatic Wooden

26 teeth. 85 cts.

## Thermometers for Hot-house

Accurate and reliable. 75 cts.

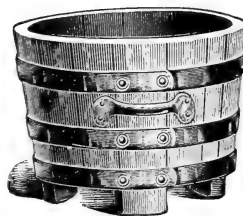
## Neponset Waterproof Paper Flower Pots

	Doz.	100	1,000		Doz.	100	1,000
2 1/2 in.	\$0 10	\$0 40	\$2 65	4 in.	\$0 20	\$0 95	\$7 50
3 in.	12	55	4 25	5 in.	25	1 40	11 50
3 1/2 in.	18	70	5 60	6 in.	30	1 80	16 00

## Cedar Tubs

Drop handles, iron legs, green. Outside measurements

No.	Diam. Top	Height	Each
1.....	13 1/4 in.	12 in.	\$1 25
2.....	14 1/8 in.	14 in.	1 50
3.....	16 in.	16 in.	1 75
4.....	21 in.	18 in.	2 50
5.....	24 1/8 in.	20 in.	3 50
6.....	25 1/4 in.	22 in.	4 50



Cedar Tub

## Oak Tubs or Jardinieres

The very latest in Jardinieres ware. Made of richly finished oak, with highly polished brass hoops.

## Low Form for Bulb and Fern Pots

No.	To fit Pans	Each
75.....	6 in.	\$3 75
85.....	7 in.	4 25
96.....	8 in.	4 75
116.....	9 in.	5 25
127.....	10 in.	6 00

## High Form for Standard Flower Pots

No.	To fit Pots	Each
77.....	6 in.	\$4 00
88.....	7 in.	4 50
99.....	8 in.	5 25
119.....	9 in.	5 75
1111.....	10 in.	6 25
1212.....	11 in.	7 00
1414.....	12 in.	8 00

## FARM AND GARDEN TOOLS

We guarantee every tool we send out to be of the highest quality and to be entirely satisfactory. We will return the price paid at once if you are not pleased with your purchase. You will note the prices on these tools are very low, but the goods must not be classed with the cheap grade offered by the small dealers at the same price. We are distributors for the factory direct and are saving you the profits of both the dealer and jobber. Order your tools from us and have them sent with your seeds.



## Garden Rake

Fork handle. Price, 55 cents.

## Malleable Garden Rake

12 curved teeth, braced shank. 35 cts.



## Steel Garden Rake

Curved teeth, peerless socket. 60c.

## Malleable Garden Rake

Curved teeth, single shank, 12 teeth. 25 cents.



## Malleable Garden Rake

Removable socket handle. 30c.



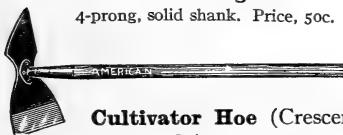
## Sugar Beet Hoe

4 1/2-inch blade, 8-inch handle. 25c.



## Steel Weeding Hoe

4-prong, solid shank. Price, 50c.



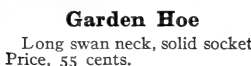
## Cultivator Hoe (Crescent)

Price, 40 cents



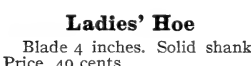
## Garden Hoe

Extra-heavy, solid socket. 6-inch blade. Price, 35 cents.



## Garden Hoe

Long swan neck, solid socket. Price, 55 cents.



## Ladies' Hoe

Blade 4 inches. Solid shank. Price, 40 cents



## Light Cotton Hoe

Price, 40 cents



## Warren Garden Hoe

Price, 60 cents



## Weeders

1-inch blade. Price, 25 cents



## Steel Manure Hooks

Price, 60 cents



## Steel Onion Weeder

Price, 25 cents



## Garden Dibble

Price, 35 cents



## Floral Tools

3-piece sets. 10 cts. to 90 cts.



## Evans' Garden Cultivator

Price, 80 cents



## Steel Potato Hook

4 tines. Goose neck. 65 cts. and 75 cts.



## Corn Hooks

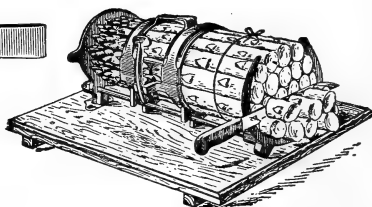
Price, 30 cents.

## Trowel for Transplanting

Price, 40 cents

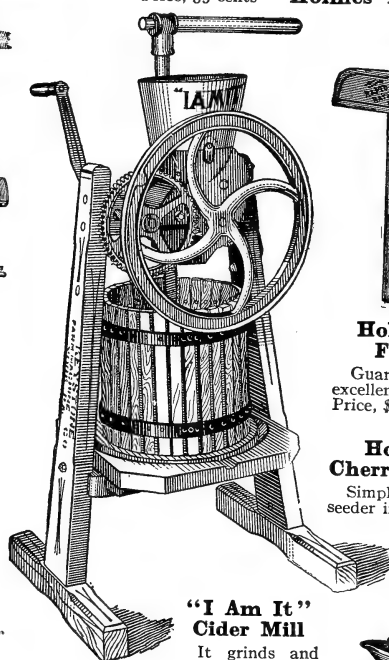
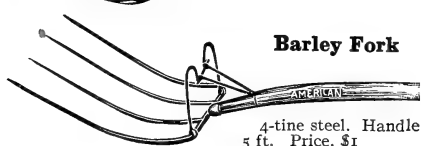


## FARM AND GARDEN TOOLS, continued

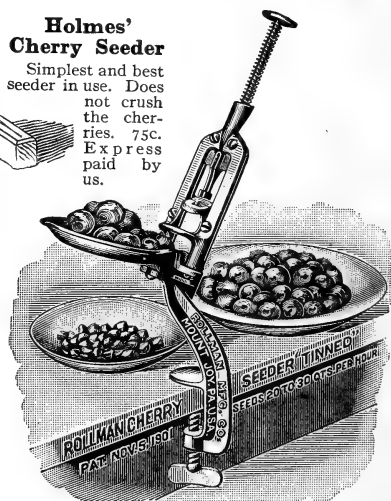
**Dandelion Puller**

Price, 35 cents

**Two-Tine Hay Fork, Strap**  
Six-foot handle.  
Price, 55 cents.

**Holmes' Cherry Seeder**

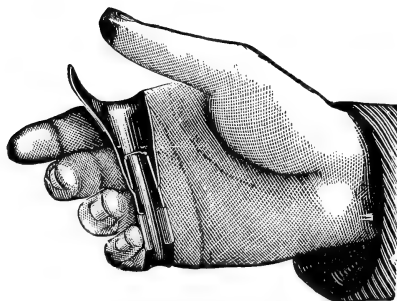
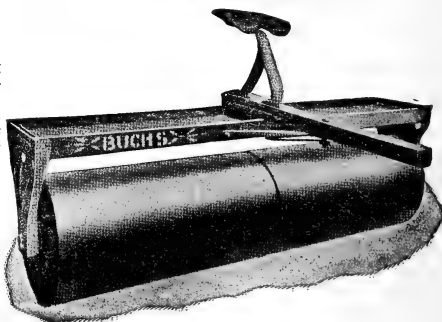
Simplest and best seeder in use. Does not crush the cherries. 75c. Express paid by us.

**Gasolene Engines**

We always carry in stock here in our store several small engines and can get without a day's delay anything you need. Be sure to let us quote before you buy an engine of any size. \$75 to \$500.

**Land Roller**

We consider this the best roller made. Made of the very best material all through. Price on application.



## FARM AND GARDEN TOOLS, continued

## Little Giant Seeder

Sows clover, timothy, wheat, oats, etc. Price, \$1.75.

## Holmes' New Buffalo Kraut Cutter

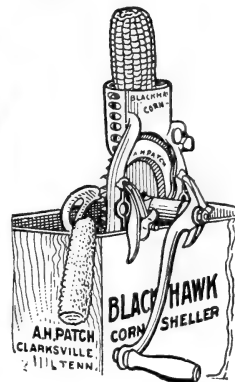
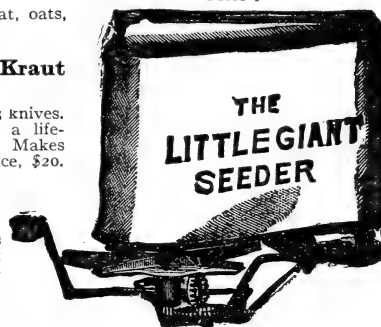
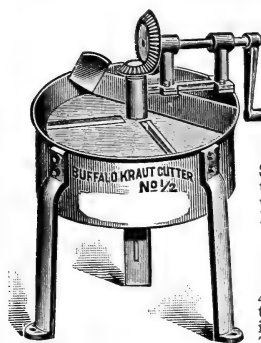
Capacity, 200 heads an hour. 3 knives. Strong, durable machine, will last a lifetime. Hundreds already in use. Makes the finest quality of kraut. Price, \$20. Extra knives, 40 cents each.

## Holmes' Corn Sheller

Large capacity, very fast. It is 4 feet high, 3 feet wide and 1 foot thick. Has crank and 18- to 20-inch heavy balance wheel. Thoroughly efficient and will do as much work as a small power machine, and shell clean. \$8.

## Black Hawk Corn Sheller

Price \$2



## SPRAY PUMPS, NOZZLES AND ALL FIXTURES

**SEND FOR SPECIAL PUMP CATALOGUES.**—We have made arrangements with all the leading and reliable pump manufacturers to distribute their full line of pumps from our warehouses. If you want any make or style of pump, send to us for catalogue and special wholesale factory price. We can save you money. We have a complete line of supplies and can supply your needs promptly. For spraying materials, see page 63.

## Myers' Perfect Lever Bucket Pump

It has all the advantages of the ordinary barrel pump and bucket pump combined, and is sold at a moderate price. Has one-half more air chamber than any other of bucket pump. Is made of brass with ball valves; handle and foot rest are malleable iron. The work is all done on the down stroke of the handle, and it can be operated with one-third the power required for any old style bucket spray pump. An ideal whitewash pump also. Price, \$4.50.

## Imperial Brass Pump

Looks almost exactly like the above, and complete, with all attachments, ready to use, \$3.50.

## Myers' All-Steel Barrel Cart

Has 36-inch steel wheels with 1 1/4-inch tire. No tires to get loose, or wood to break or rot when standing out in the weather. This is a first-class outfit for large or small orchard.

Steel Cart only, ready to attach to barrel \$5.00  
Barrel extra 2.50  
Cart, Barrel, Brass Pump, Hose and Nozzle, ready for use as shown in cut. 15.00

## All-Steel Barrel Truck

## Kant Klog Compressed Air Sprayer

Complete with galvanized tank. \$4.50. Brass tank, \$6.30.

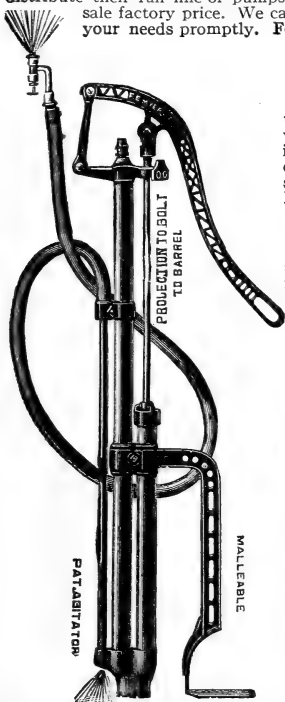
## Empire King Pump

Complete with 20 feet of hose, Magna nozzle, etc., on barrel ready for use. Price, \$18.50.

## "Auto" Whitewash Sprayer

An efficient machine for the purpose. Write for complete description. Price, \$12.

## "Auto" Whitewash Sprayer



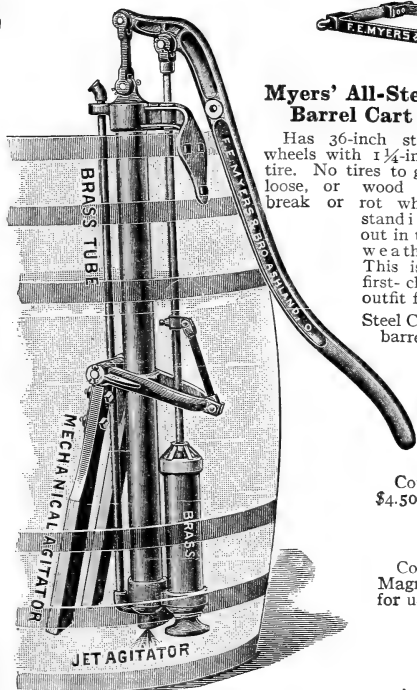
Myers' Perfect Lever Bucket Pump

## Myers' Improved Brass Barrel Spray Pump

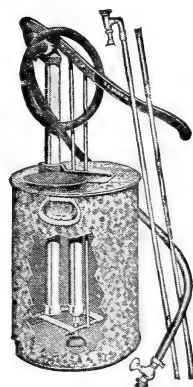
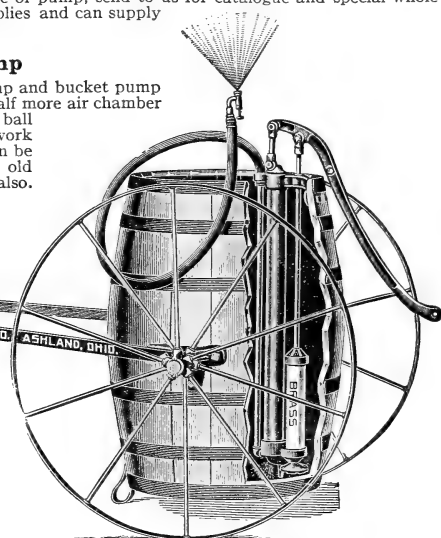
Has bronze ball valves and Brass seats. The cylinder and discharge pipes are all brass. Very powerful and easily operated. Price \$8, for pump, 5 feet, 3-ply hose and vermored nozzle.

## Gould's Pomona Barrel Pump

Complete with "Mystery" or "Seneca" nozzle. Price, \$18.75.



Myers' Improved Brass Barrel Pump



## SPRAY PUMPS, NOZZLES AND ALL FIXTURES, continued

**"Auto" Spray Pump**

A light, compact compressed-air sprayer with reliable, durable valves and complete equipment for efficient service. Galvanized iron, \$4.50; brass, \$6.75.

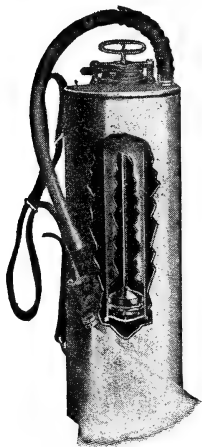
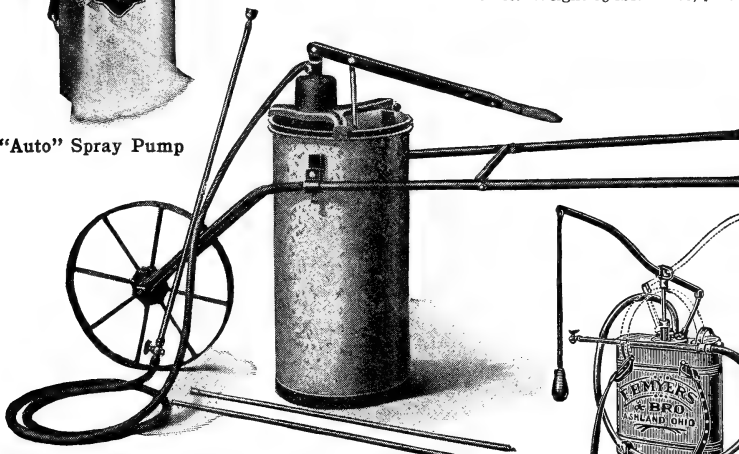
**Myers' O. K. Spray Pump**

Has mechanical agitator, solid brass ram plunger, ground bevel valve and seat. Adjustable clamps, will fit any barrel. Use with any kind of mixture. Air-chamber for a pressure of 200 lbs. or more. A thoroughly good pump in every respect. Price \$18, with 5 feet of hose and vermored nozzle.

**Ideal Spraying Outfit**

For small orchard, garden and farm. It is better than a knapsack sprayer and does not cost so much as larger sizes. Holds 15 gallons, is mounted so will not spill, and is easy to handle and operate. Bronze valves, removable, air pressure of 100 lbs., is easily had and kept. Has mechanical agitator and a strainer.

Equipment: 10 ft.  $\frac{3}{8}$ -inch pressure hose. 10 foot 3 pc. pipe extension. 1 T shut-off cock. 1 Brandt nozzle. Weight 65 lbs. Price, \$18.

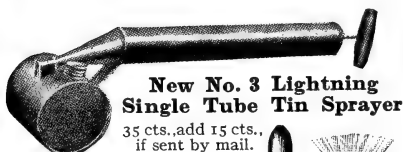
**"Auto" Spray Pump****Ideal Spraying Outfit****Tin Mistic Sprayer**

Price, 35 cents; larger sizes, 45 and 60 cents.

**New Brandt Sprayer**

We recommend this as one of the most substantial and easily operated sprayers we ever used for garden or trees. Write for special circular.

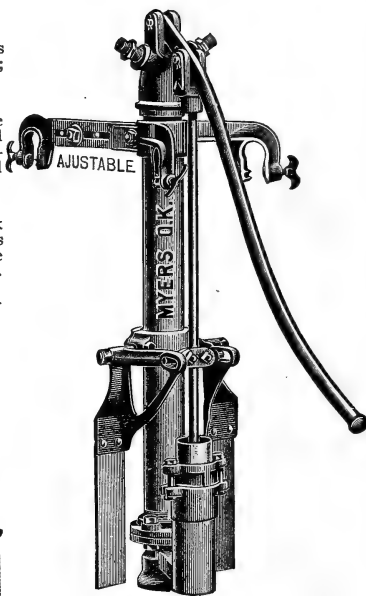
Double Row Sprayer.....\$6 00  
Single Sprayer.....5 00  
Tree Extension Nozzle, each.....1 50

**New No. 3 Lightning Single Tube Tin Sprayer**

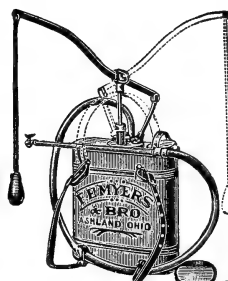
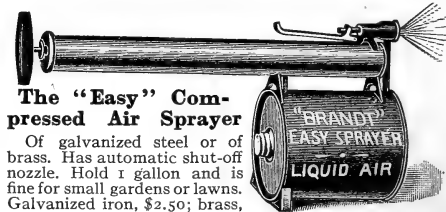
35 cts., add 15 cts., if sent by mail.

**Bordeaux Spray and Whitewash Nozzle**

Price, 75 cents

**New Brandt Sprayer****Myers' O. K. Spray Pump****Perfect Knapsack Sprayer**

The tank holds 5 gallons. The pump has large air-chamber, brass ball valves, solid plunger and agitator. The pump can be removed easily. Is also fitted with handle, so the operator can use it on the ground and work pump with handle. The handle lever can be shifted from right to left shoulder at will. Has brass stop cock at end of hose. Pump, with 5 feet of  $\frac{1}{2}$ -inch hose, pipe extension and Bordeaux or graduating Vermored spray nozzle, which can be graduated from a fine mist spray to a solid stream, or shut off entirely. Any other nozzle furnished with these pumps when ordered. Price, \$7.

**Perfect Knapsack Sprayer****The "Easy" Compressed Air Sprayer**

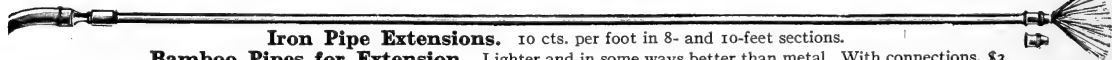
Of galvanized steel or of brass. Has automatic shut-off nozzle. Hold 1 gallon and is fine for small gardens or lawns. Galvanized iron, \$2.50; brass, \$3.

**Dry Powder Sprayer**

Price, 60 cents

**New Daisy Sprayer**

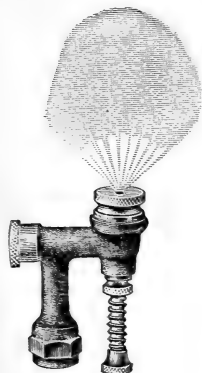
Gives continuous spray with both front and back action of plunger. Price, 75 cts. each.



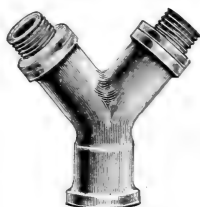
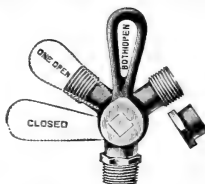
**Iron Pipe Extensions.** 10 cts. per foot in 8- and 10-foot sections.

**Bamboo Pipes for Extension.** Lighter and in some ways better than metal. With connections, \$3.

## SPRAY PUMPS, NOZZLES AND ALL FIXTURES, continued

**Mistry Spray Nozzle**

For 1/4-inch pipes, \$1.  
For hose, \$1.25.

**Brass Y.** Price, 50c.**Brass 3-Way Cock**  
Complete, \$2; postage, 15c.**Hose Reducer**  
Price, 20 cents**Lever Shut-off  
Cock**  
Price, 40 cents**Hose Clamp**  
1/2- or 3/4-in., 5c.; postage, 2c.**Brass U for 2 Nozzles**  
1/4-in., 40c.; postage, 5 cts.**Hose Coupling**  
1/2- or 3/4-inch, 20 cts., postage, 8 cts.

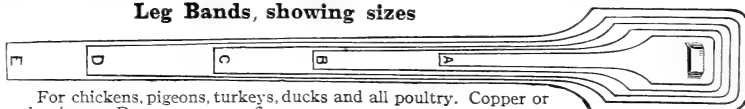
## POULTRY SUPPLY DEPARTMENT

EVERYTHING FOR  
POULTRY

Our space is too limited to list our complete line of supplies—write for anything you need—you will get the best price always  
For Disinfectants and Insecticides, see page 63

**Eggs for Hatching**

Write for price on settings or 100 lots of any breed. Eggs guaranteed. We have as good stock from which to get eggs for hatching as any in the East. Many prize-winners have come from them. Be sure to write us before you buy.

**Leg Bands, showing sizes**

For chickens, pigeons, turkeys, ducks and all poultry. Copper or aluminum. Doz. 15 cts., 100 \$1.

**French Killing Knife**  
Price, 50c.**Gape Worm  
Extractor**  
Price, 25 cents.**Poultry Markers**  
Price, 25 cents each

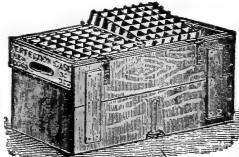
hen or eggs. 6 cts. each, 60 cts. doz., add 2 cts. each for postage.

**China Nest Eggs**

3 cts. each, 25 cts. per doz.;  
add 2 cts. each for postage.

**Knox Lice Expelling  
Nest Egg**

A splendid thing, looks like a natural egg, acts as a nest egg and lice exterminator at the same time. It will not in any way affect the

**Caponizing Sets.** Philadelphia pattern, \$2.50. Farmer's \$3.**Perfection Egg Crate** (30 doz.)**Perfection Egg Crate,  
30 Dozen**

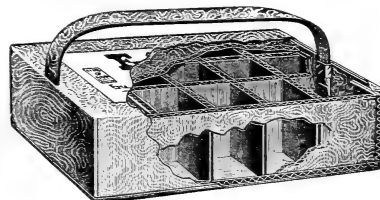
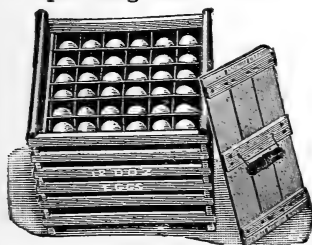
Will outwear a dozen cheap crates. \$1.25 each.

**Humpty Dumpty Egg  
Crates**

Three sizes. 3 doz., 30 cts.;  
6 doz., 35 cts.; 12 doz., 40c.

**Brooder and Incuba-  
tor Thermometers**

Accurate and reliable. 50 cts.  
and 75 cts. each



doz., 2 sittings, \$1.90 per doz.; 10 doz., 2 sittings, \$1.80 per doz.

**Shipping Coop for Poultry**

Strongly built. Wire-stayed and will stand knocks. For chickens, size 3 ft. long, 2 ft. wide, 1 ft. high, \$1.25 each, \$10 per doz. For turkeys, 16 inches high, \$1.50 each, \$12 per doz.

**Nesco Galvanized Drinking  
Fountains**

	Each	Doz.
1-quart.	\$0 25	\$2 50
2-quart.	35	3 50
4-quart.	50	5 00
8-quart.	75	7 50

**Boston Dry Feed Hopper**

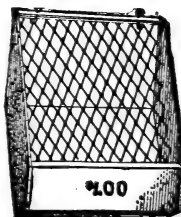
8 in. wide, 9c each; 15 in. wide, \$1; 20 in. wide, \$1.25; 36 in. wide, \$1.90.

**Sanitary Feed  
Box**

50c. ea., \$5.40 per doz.

**Combination****Colony House Brooder**

No. 1—(Outdoor) floor space 36 x 72 in. \$20  
No. 2—(Outdoor) floor space 30 x 60 in. 16  
No. 3—(Outdoor) floor space 27 x 48 in. 12  
No. 5—(Indoor) floor space 36 x 36 in. 12  
Heat regulator attached to any of the above,  
\$1 extra.



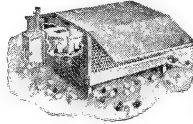
## POULTRY SUPPLIES, continued

**Banner Root Cutter, No. 7**

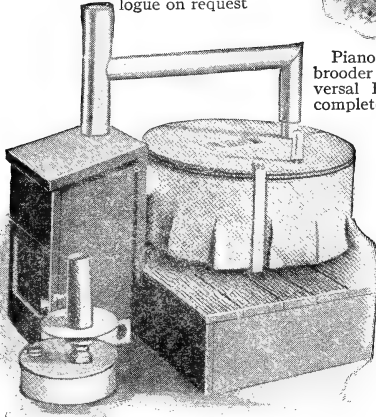
This cutter is adapted especially for poultrymen and farmers or for suburban residents keeping a flock of chickens. Cuts roots and vegetables into fine chicken feed. Capacity, one bushel in about five minutes. \$5.

**Universal Hover**

For indoor or outdoor Brooders or Brood Houses acknowledged the best hover on the market. Price for hover, with lamp case, smoke conductors, lamp and thermometer, \$7. When used indoors alone, lamp case is not required. Hover and lamp with smoke pipes, \$6. With regulator attached, \$1 extra. Large Illustrated Catalogue on request



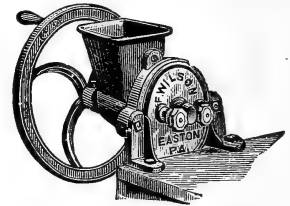
Piano box made into brooder by using our Universal Hover. Makes a complete brooder for \$7.

**Universal Hover****Mann's Green Bone Mills**

Send for Special Catalogue

**Banner Root Cutter No. 7****Wilson's Bone and Shell Mill**

No. 1.—Grinds oyster or clam shells, dried bones and grit and is an excellent mill and largely used. Will also grind corn. Weight, without stand, 53 lbs., \$5. Weight, with stand, 64 lbs. \$7.

**Wilson's Bone and Shell Mill****Union Lock Poultry Fence (The Best in the World)**

	Per running foot when cut	Per 165-foot roll
12 inches high.....	\$0.02	\$1.75
18 " ".....	02 1/8	2 20
24 " ".....	03	2 80
36 " ".....	03 1/2	3 50
48 " ".....	04	4 20
60 " ".....	04 1/2	4 80
72 " ".....	05	5 40
84 " ".....	06	6 20

**Poultry Foods**

**Alfalfa Clover** (Shredded). 6 lbs. 25 cts., 10 lbs. 35 cts., 50 lbs. \$1.35, 100 lbs. \$2.50.  
**Alfalfa Meal**. 6 lbs. 25 cts., 10 lbs. 35 cts., 50 lbs. \$1.35, 100 lbs. \$2.50.  
**Beef Scraps** (High Protein). 6 lbs. 25 cts., 10 lbs. 40c., 50 lbs. \$2.100 lbs. \$3.50. Beef Scraps, 6 lbs. 25 cts., 10 lbs. 35 cts., 100 lbs. \$3.25.  
**Bone Meal**. Very fine for chicks. 6 lbs. 25 cts., 10 lbs. 35 cts., 50 lbs. \$1.50, 100 lbs. \$2.50.  
**Bone, Coarse Granulated**. For large fowls. 6 lbs. 25 cts., 10 lbs. 35 cts., 50 lbs. \$1.50, 100 lbs. \$2.50.  
**Beef Meal** (High Protein). 6 lbs. 25 cts., 10 lbs. 40c., 50 lbs. \$2, 100 lbs. \$3.50.  
**Buckwheat**. 10 cts. per lb. Price changes; please ask for quotation.  
**Charcoal**. Fine and coarse ground. Put up in dust-proof pkgs. 5 lbs. 25 cts., 10 lbs. 40 cts., 50 lb. sack \$1.25, 100 lbs. \$2.25.  
**Chick Food**. None better. 6 lbs. 25 cts., 10 lbs. 35 cts., 50 lbs. \$1.25, 100 lbs. \$2.25.  
**Clover Meal**. See Alfalfa Meal.  
**Cracked Corn**. 10 lbs. 25 cts., 50 lbs. \$1.25, 100 lbs. \$2.25.  
**Corn, Whole**. 25 cts. per peck.  
**Cut Clover Hay**. 6 lbs. 25 cts., 10 lbs. 35 cts., 50 lbs. \$1.35, 100 lbs. \$2.50.  
**Developing Food**. Hastens the growth of young stock. 6 lbs. 25 cts., 10 lbs. 35 cts., 50 lbs. \$1.25, 100 lbs. \$2.25.  
**Dog Cakes, Spratt's**. 3 lbs. 25 cts., 6 lbs. 50 cts., 25 lbs. \$1.75, 50 lbs. \$3.25, 100 lbs. \$6.50.  
**Grit, Mica Spar**. Coarse, pigeon and fine. Please state which is desired when ordering. 5 lbs. 15 cts., 25 lbs. 35 cts., 50 lbs. 45 cts., 100 lbs. 75 cts.  
**Grit, Mica Crystal**. Coarse, pigeon and fine. Please state which is desired when ordering. 5 lbs. 15 cts., 25 lbs. 35 cts., 50 lbs. 45 cts., 100 lbs. 75 cts.

**Grit, Broshkowsky's Health Grit**. For pigeons and poultry. 6 lbs. 25 cts., 10 lbs. 40 cts., 50 lbs. \$1.25, 100 lbs. \$2.  
**Hen-E-Ta** (Bone Grits). No. 1 for chicks and young fowls. No. 2 for large or grown fowls. 6 lbs. 25 cts., 10 lbs. 40 cts., 50 lbs. \$1.50, 100 lbs. \$2.25.  
**Hemp Seed**. Per lb. 10 cts., peck 50 cts., per bu. \$1.75.  
**Kaffir Corn**. Per lb. 10 cts. Price changes. Please ask for quotation.  
**Linseed Meal**. New Process. Per lb. 5 cts., 5 lbs. 25 cts., 25 lbs. \$1.20.  
**Mash Food**. None better. 6 lbs. 25 cts., 10 lbs. 35 cts., 50 lbs. \$1.25, 100 lbs. \$2.25.  
**Millet**. For feeding. Per lb. 10 cts., 3 lbs. 25 cts. Prices on larger quantities on application.  
**Oyster Shells**. Coarse and fine. 5 lbs. 10 cts., 25 lbs. 25 cts., 100 lbs. 75 cts., 500 lbs. \$3.50.  
**Pigeon Food** (With corn). 6 lbs. 25 cts., 10 lbs. 35 cts., 50 lbs. \$1.25, 100 lbs. \$2.25. (Without corn.) 6 lbs. 25 cts., 10 lbs. 40 cts., 50 lbs. \$1.35, 100 lbs. \$2.50.  
**Poultry Panacea**. (Dr. Hess.) 1 1/2 lb. pkg. 25 cts., 5 lb. pkg. 60 cts., 12 lb. pkg. \$1.25, 25 lb. pkg. \$2.50.  
**Pratt's Poultry Food**. 26 ozs. 25 cts., 4 lbs. 50 cts., 12 lbs. \$1.35, 25 lbs. \$2.60.  
**Puppy Cakes** (Spratt's). 3 lbs. 25 cts., 6 lbs. 50 cts., 50 lbs. \$3.75, 100 lbs. \$7.  
**Scratch or Poultry Food**. (The best—none better.) 6 lbs. 25 cts., 10 lbs. 35 cts., 50 lbs. \$1.25, 100 lbs. \$2.25.  
**Sunflower Seed**. Per quart 10 cts., 3 quarts, 25 cts., peck 55 cts.

**Carmel Chicken Cure**

Greatest cure for Poultry ills we know. Purchase it on our recommendation. A specific for all diseases chickens are subject to. Our guarantee.—If after using two-thirds of the contents of one bottle you are not satisfied with the results, return the balance and your money will be refunded. Bottle, 25 cts.; 6 bottles, \$1.35; gallon jug, \$3.25.

PRICES ON ALL POULTRY FOODS AND SUPPLIES SUBJECT TO MARKET CHANGES. FOR POULTRY REMEDIES SEE MISCELLANEOUS SUPPLIES, PAGE 62



# DAIRY SUPPLIES (Everything for the Dairy)

Write for prices and descriptions of anything you want that you do not see listed here. We will have it. For Disinfectants and Insecticides, see page 63

## Milk Cans

Write for fuller descriptions if you do not know the advantages of each.



Philadelphia Pattern Can

30 quarts.....  
40 quarts.....

## PHILADELPHIA PATTERN CANS

Seamless neck, heavy—	
24 quarts .....	\$2 25
30 quarts .....	2 75
40 quarts .....	3 25
Medium—	
24 quarts .....	2 00
30 quarts .....	2 50
40 quarts .....	3 00
Your name on neck and lid, 15 cts. extra.	
Special price in dozen lots.	

## NEW YORK PATTERN CANS

20 quarts.....	\$2 25
30 quarts.....	2 75
40 quarts.....	3 25
Name stamped on, 15 cts. extra.	

## IOWA PATTERN CANS

20 quarts.....	\$2 00
30 quarts.....	2 50
40 quarts.....	2 25
Your name on neck and lid, 15 cts. extra.	

## Milk Bottles (BEST QUALITY)

We print your name and advertisement on the bottles. \$2.50 extra first lot, no charge afterwards.

	Doz.	Gross	5 gross
Quarts .....	\$0 65	\$7 25	\$7 00
Pints .....	55	5 25	5 00
1/2-pints .....	45	4 75	4 50

Six dozen at gross price. Special price on larger quantity.

Our bottles are made of the same highest grade flint glass sand. If you want bottles free from air-bubbles, clear, and that will show the milk to the best advantage, get these.



"S" Mold



"F" Mold

## Milk Bottle Caps

NOTE.—Our business in caps more than doubled last year. Why? Because we sell the highest grade cap at a less price than others sell the poorest grade.

**No. 1.** Regular size, printed plain, either milk or cream. 1,000 25 cts., 5,000 \$1.10, 25,000 \$5.25, 50,000 \$10. We print your name and advertisement on the caps free on 50,000 lots; \$1 extra on lots less than 50,000. Send for samples.

**No. 2 Lip.** 1,000 35 cts., 5,000 \$1.25, 25,000 \$6, 50,000 \$11.

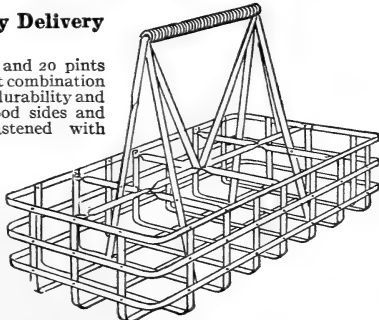
**Lift Caps.** With patent lift-flap on top; most convenient cap made. A sure "trade getter." Send for sample. 1,000 35 cts., 5,000 \$1.50, one barrel, 50,000, \$12.50. We print your name and advertisement on the caps free on orders of 50,000.



OPENED

## Holmes' Sanitary Delivery Case

Holds 12 quarts, 16 and 20 pints—three sizes. A perfect combination of lightness, strength, durability and cleanliness. White wood sides and hard wood end, fastened with cement-coated wire nail's driven through the strip of metal. Division wires galvanized. 85c. each, \$9.50 per doz.



"There is nothing like Holmes' Zero Let-tuce. The best grown."  
—Mrs. John Shrew-bles, Waynesboro, Pa.

## Heavy Steel-Ribbon Milk Bottle Baskets

6-bottle basket.....	\$1 00
8-bottle basket.....	1 25

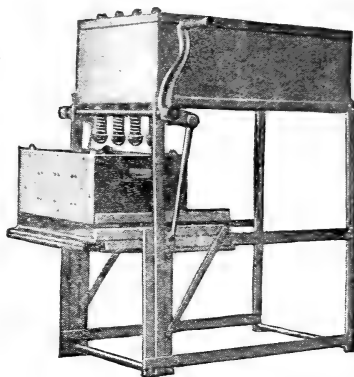
## Rapid Ready Change Carrier

With nickel and penny tubes. Every dairyman should have it. Money is automatically locked and can't drop out but is released in a second by the press of the finger; holds pennies, nickels, dimes and quarters. Change can be made in the dark with this as readily as in the light. No dairyman can afford to be without one. \$1.75 each.

## R. & A. Automatic Bottle Filler, No. 1

Rust-proof copper tank. Crank-lifting attachment R. & A. 1909 valves. Two cases of pints or quarts filled per minute. Bottles always filled just to the right point. No milk spurts in your face when capping. One man does the work of two. You cap one row of bottles while the next is being filled. Machines made in all sizes. Bottle holder is a sanitary delivery case.

Weight, 200 pounds; height, 46 inches; capacity of tank, 30 gallons. Price completed \$45. Valves, complete, \$3; valve rubbers, \$2.40 per doz.



## Reid's Corrugated Milk Cooler and Aerator

It cools the milk quickly, as fast as it runs to within two degrees of the temperature of the water used, at the same time removing animal odors. The cold water enters the cooler at the lower inlet pipe, flows to the opposite side, then up through the corrugations and passes out at the top. The milk flows down over the outside of the cooler in a thin film and passes into the can below. Easily cleaned, need not be taken down to wash.

No. 1—45 gallons per hour.....	\$15 00
No. 2—55 gallons per hour.....	20 00
No. 3—65 gallons per hour.....	25 00
No. 4—80 gallons per hour.....	27 50

Capacity, as given above, is for milk at animal heat, 95 degrees. Comes complete with Milk Reservoir Brackets, Faucet for Water Barrel and 6 feet of 3/4-inch Water Hose.

## Pyramidal Cooler

This is an inexpensive and effective cooler for small dairies, lowering the temperature of the milk 25 to 40 degrees. Keeping the milk sweet considerably longer. This cooler is simple in construction and easily kept clean. It is made of heavy tinned iron. No. 1, 10 quarts, 5 cows, \$7; No. 2, 18 quarts, 10 cows, \$7.50; No. 3, 34 quarts, 20 cows, \$8.

## Measures

Pint, heavy, 10 cts.; medium, 5 cts. Quart, heavy, 20 cts.; medium, 10 cts. 2-quart, heavy, 30 cts.; medium, 20 cts.

Utility, with funnel attachment. Pint, 10 cts.; quart, 12 cts. Add 10 cts. if sent by mail.

Coover's Graduated Quart. Price, 20 cts.



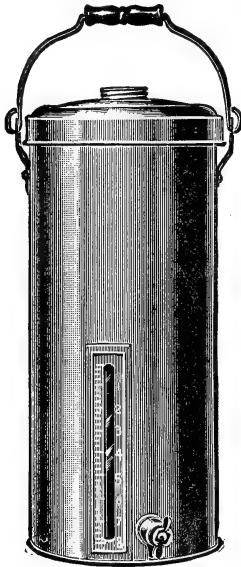
Pyramidal Cooler



Utility Measure



## DAIRY SUPPLIES, continued



20-quart Creamery Pail



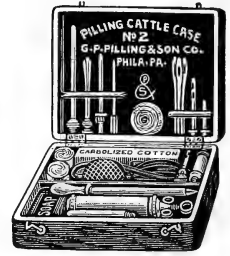
Heavy Dairy Pail



Heavy Strainer



Funnel



Milk Kettle



Heavy Strainer Pail



Milk Dipper



Dairy Scrub Brush



Hand Bottle Brush

## Heavy Dairy Pails

12-quart.....	\$0 35
14-quart.....	40

## Jersey Combination Pails

10-quart.....	\$0 50
12-quart.....	65

## 20-Quart Creamery Pail. \$1.50 each.

## Heavy Strainer Pails. 12-quart, \$1; 14-quart, \$1.25.

## Milk Can with Spout

Extra-strong bottom hoop. 8-quart, \$1.25; 12-quart, \$1.50

## Milk Kettles. Strong and durable

Pint.....	\$0 08
Quart.....	10
2-quart.....	15
3-quart.....	25

## Excelsior Milk Strainer

The most thorough, complete, convenient and durable Milk Strainer in use. Sanitary throughout, removable strainer plates, diameter of base, 5 1/4 inches. \$2.50.

## Milk Dippers. Price, 20 cts. each

## Heavy Strainer. Price, 40 cts. each

## Funnels

With strainer. Prices. Large size, heavy, 50 cts.; large size, medium, 20 cts.; small size, medium, 10 cts. Add 10 cts. if sent by mail.

## Pilling Cattle Case No. 2. \$10, VALUE \$16

This case is of polished oak, containing the following instruments:

Nos. 6, 7, 8, 9, 11, Pilling Milk Fever outfit complete.....	Price, \$3 00
Nos. 1, 2, 3, Pilling Dose Syringe, two pipes.....	2 00
No. 4, Pilling Cattle Trocar for Bloat.....	1 50
No. 5, Pilling Animal Soap.....	25
No. 10, Two bandages.....	50
No. 12, Three Pilling Lead Probes.....	75
Nos. 13, 14, 2 Pilling Milk Tubes.....	1 00
No. 15, One Pilling Teat Dilator.....	1 00
No. 16, One Pilling Teat Slitter, or Bistoury.....	2 50
No. 17, One Pilling Teat Opener.....	75
One Pilling Fever Thermometer.....	2 00
Oak case.....	75

Total value.....\$16 00

Our price, \$10. Any article sold separately.

## Dairy Brushes

- No. 1. Hand Bottle Brush, 35 cts., \$3.50 per doz.  
 No. 2. Heavy Thick End Bottle Brush, 40 cts., \$4 per doz.  
 No. 3. Strong, Durable Brush, 15 cts., \$1.60 per doz.  
 No. 4. Machine Brush, 35 cts., \$3.50 per doz.  
 No. 5. Dairy Scrub. 35 cts., \$3.50 per doz.

## Wyandotte Cleaner

It is the best cleanser for dairymen and farmers in cleaning cans, buckets, separators, strainers, churns, coolers, cows, the clothes, etc. Full directions with each order. 5-lb. bag 25 cts., 80-lb. keg \$2.80, 280-lb. bbl. \$8.40.

## Babcock Tester

For testing milk and its products. The machine all progressive dairymen depend on for their key to whether their cows are paying or not. They could not get along without it.

Every Standard Tester sent out is perfect; complete with glassware, Acid Bottle, Brush, Bottle Rack and Book of Directions.  
 2-bottle machine complete for testing milk.....\$4 00  
 For testing both milk and cream.....4 50  
 4-bottle machine complete for testing milk.....5 00  
 For testing both milk and cream.....5 50

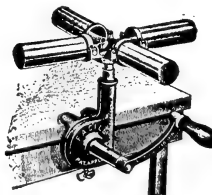
## Cream Separators

We can supply any standard cream separator promptly and at a saving. Consult us before you buy or exchange one.  
 Pulley power attachment \$2.50 additional.

## The Perfect Cream Separator

All sanitary, made of the best 26-gauge Apollo Galvanized Iron, very durable. We are selling a tremendous number of these.

- No. 8 with two 4-gallon milk cans, \$9.  
 No. 12 with two 6-gallon milk cans, \$10.  
 No. 16 with two 8-gallon milk cans, \$11.  
 No. 20 with two 10-gallon milk cans, \$12.  
 No. 40 with two 4-gallon milk cans and one 4-gallon cream can, \$11.  
 No. 60 with two 6-gallon milk cans and one 4-gallon cream can, \$12.



Babcock Tester



## DAIRY SUPPLIES, continued

**Peerless Creamery.** Each Can holds 18 quarts

No. of cans	No. of cows	Each
No. 2.....2	4 to 6.....	\$27 00
No. 3.....3	7 to 9.....	33 00
No. 4.....4	10 to 12.....	40 00
No. 5.....6	13 to 18.....	52 00

**CHURNS**

Note.—The capacity is twice the amount they churn.

**DAVIS SWING CHURN**

Will churn	Each
No. 1. 4 gals.....	\$7 00
No. 2. 5 gals.....	8 00
No. 3. 8 gals.....	10 00
No. 4. 10 gals.....	12 00
No. 5. 13 gals.....	15 00
No. 6. 17 gals.....	18 00
No. 7. 30 gals.....	25 00

**HERO CHURN**

Barrel Churn, no dasher, either stationary or folding stand

Will churn	Each
No. 0. 3 gals.....	\$3 50
No. 1. 4½ gals.....	4 00
No. 2. 7 gals.....	4 50
No. 3. 9 gals.....	5 00
No. 4. 12 gals.....	6 50
No. 5. 16 gals.....	7 50
No. 6. 22 gals.....	9 50
No. 7. 28 gals.....	11 50

**SPAIN'S PATENT CHURN**

Made of white cedar. Bound with galvanized iron hoops. Removable dasher.

Will churn	Each
No. 1. 9 qts.....	\$5 90
No. 2. 15 qts.....	6 60
No. 3. 20 qts.....	7 10
No. 4. 24 qts.....	8 00
No. 5. 32 qts.....	8 90
No. 6. 44 qts.....	10 60
Double crank.	
No. 6. 44 qts.....	12 40
No. 7. 60 qts.....	14 60

**CEDAR CYLINDER CHURN (Double Removable Dasher)**

Will churn	Each
No. 1. 3 gals.....	\$2 50
No. 2. 4 gals.....	3 00
No. 3. 7 gals.....	3 50
No. 4. 10 gals.....	4 00

**Butter Printers**

Pound or half-pound, complete, 50 cts.

Pound or half-pound, complete, 80 cts. and \$1.50.

**Butter Workers**

No.	Capacity	Each
No. 1.	capacity 50 lbs.....	\$10 00
No. 2.	capacity 30 lbs.....	8 00
No. 3.	capacity 20 lbs.....	7 00
No. 4.	capacity 10 lbs.....	6 00

Larger sizes quoted on application.

**Butter Bowls**

15 cts., 25 cts., 35c., 50 cts. and 60 cts.

**Butter Ladles**

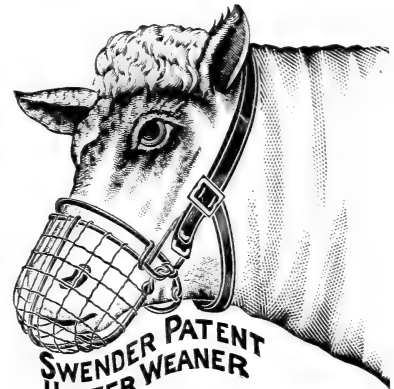
5 cts. and 10 cts.; regular size, 15 cts.; large size, 30 cts.

**Dairy Paddles**

Each 15c., doz. \$1.50

**Ironclad Butter Boxes**

Print	Each
12-lb. ....	\$3 50
20-lb. ....	3 75
30-lb. ....	4 25
42-lb. ....	4 75
56-lb. ....	5 00
80-lb. ....	5 50
96-lb. ....	5 75
120-lb. ....	6 50

**Patent Milking Tube**

For sore and obstructed teats. Solid coin silver. 50 cts.

**Swender Patent Waterproof Halter Weaner**

The Basket Weaner with Halter that has headed the list of calf weaners for the past 15 years or more.

Three sizes: Calves, 45 cts. each, \$4.75 per doz. Yearlings, 50 cts. each, \$5 per doz. Cows, 60 cts. each, \$6 per doz.

**Holmes' Keystone Calf Feeders**

Price, \$1.50, complete

**Dairy Thermometer**

Price, 50 cts. and 75 cts.

**Blatchford's Calf Meal**

The perfect milk substitute for raising calves—100 lbs. of it makes 100 gallons of rich nutritious gruel. It is absolutely the only milk substitute that contains all the elements necessary for bodily growth in the proper proportions and it is the only calf meal that is thoroughly cooked and prepared for digesting by the tender stomach of the calf.

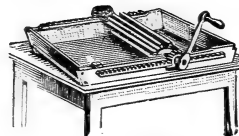
Analysis: 25 per cent protein, 5 per cent fat. Try a bag and be convinced. 100-lb. bag \$3.50 50-lb. bag \$2, 25-lb. bag \$1.25.



Spain's Patent Churn



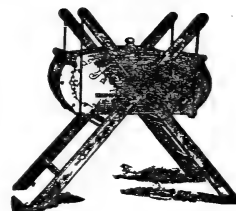
Patent Milking Tube



Butter Worker



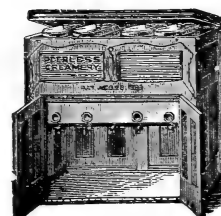
Hero Churn



Davis Swing Churn



Ironclad Butter Box



Peerless Creamery



Butter Printers

# MISCELLANEOUS SUPPLIES (Not Listed Elsewhere)

<b>Aprons, rubber</b> .....\$0 50	<b>Dog Biscuits (Spratt's). Lb. 10c., 100 lbs.</b> .....\$6 50	<b>Milk Jar Box, for 12 qt. or 20 pt. jars, (85c. each), per doz.</b> .....\$9 00
<b>Axes, best quality steel</b> .....1 00	<b>Dry Powder guns—</b>	<b>Moss, Spaghnum, 5-bbl. bales</b> .....4 50
<b>Bags for grapes—</b>	Leggett's Champion.....7 50	<b>Moss, Live sack</b> .....1 50
2-lb. size.....per 100, 30c.	Leggett's Little Giant.....5 50	<b>Oil, for Cream Separators, qt. 35c., gal. 1 00</b>
2-lb. size.....per 1,000, \$2.50	Leggett's Brownie Gun.....3 50	<b>Oil, for Lawn Mowers</b> .....20
4-lb. size.....per 100, 40c.	<b>Edging Knives, American</b> .....1 50	<b>Plant Stakes, Green and unpainted</b> .....1 00
4-lb. size.....per 1,000, \$3.50	<b>Edging Knives, English</b> .....1 50	<b>Lawn Mower Sharpener</b> .....1 00
<b>Baskets. Six-brace, wire-bound, 3/8-bushel truck baskets, \$1.10 per doz., \$3.50 per 100. Diamond peck 5 cts. each, Diamond 12-qt. 10 cts. each.</b>	<b>Fencing (wire), for around flower-beds, per ft. 12c.; per 100 ft. \$9.</b>	<b>Plow, Boss</b> .....6 50
<b>Bellows, for dry powder</b> .....\$1.50 and 2 00	<b>Fish Food, per box</b> .....10	<b>Plow, Imperial, one-horse 800 X.W.B.</b> .....7 50
<b>Berry Boxes. Standard quarts. 50 cts. per 100, \$4 per 1,000. Write for special prices.</b>	<b>Fruit Pickers</b> .....25	<b>Plow, Imperial, two-horse 700 X.W.B.</b> .....9 00
<b>Berry Press No. 1, \$4. No. 2</b> .....5 50	<b>Garden Line, Best Italian Hemp, 30 ft. 25c., 60 ft. 45c., 90 ft. 70c., 120 ft. 90c.</b>	<b>Potato Digger, The "Boss"</b> .....60 00
<b>Berry Press No. 3</b> .....7 25	<b>Gasoline Engines, write for prices.</b>	<b>Potato Shovel, best made</b> .....\$1.25 and 1 50
<b>Bird Gravel, box</b> .....10	<b>Glazing Putty, 15-lb. can</b> .....1 25	<b>Putty Bulbs, (postage 10 cents)</b> .....1 90
<b>" Seed, best quality, box</b> .....10	<b>Glazing Putty, 50-lb. can</b> .....3 75	<b>Raffia, per lb. 25c., 5 lbs.</b> .....1 00
<b>" Manna</b> .....15	<b>Glazing Points, (Peerless), per 1000. (Postage 10c.)</b> .....60	<b>Reed, for basket-making</b> .....1 00
<b>" Bitters</b> .....25	<b>Grass Hooks—</b>	<b>Plant Sprinklers, Rubber—</b>
<b>Books—</b>	Riveted back.....25c. to 40	No. 1 Straight neck.....85
Capons for Profit, each.....50	Adjustable blade.....40	No. 2 Straight Neck.....75
Poultry Craft, (every poultryman should have this book).....1 50	<b>Grafting Wax</b> .....10c., 15c. and 25	No. 4 Straight Neck.....60
Winter Eggs (How To Get Them).....25	<b>Guards, Tree, galvanized wire</b> .....2 00	Large Angle Neck.....85
Practical Squab Book.....50	<b>Holmes' Meat and Food Chopper, No. 11. Chops raw or cooked meat; fish, vegetables, fruits, nuts, spices, coffee, coconut, horse-radish, codfish, etc. Price, 75 cts., express paid by us.</b>	Small Angle Neck.....75
We can furnish any book on any subject at publisher's price. Order here.	<b>Horse-Radish Graters. Can be used for potatoes, coconuts, crackers, etc., as well as horse-radish. Fig. 1, \$3; Fig. 2, \$5; Fig. 3, \$10; Fig. 4, \$16.</b>	<b>Scuffle Hoes, 6-inch</b> .....60
<b>Bouquet Holder for cemetery—</b>	<b>Hotbed Sash, plain, painted, each</b> .....1 50	<b>Seed Sowers, wheelbarrow</b> .....7 00
Galv. tin painted.....25	<b>Hotbed Sash, Glazed, including painting and putty, each</b> .....3 50	(Covers 14 feet area)
Iron painted.....35	(Made of best Cypress, size 3 x 6 ft.)	<b>Sheep Manure, bag (100 lbs.)</b> .....2 00
Glass, with iron frame, each.....45	<b>Hotbed Mats, duck and burlap, 40 x 76 in. \$1.15, 76 x 70</b> .....1 50	<b>Sheep Shears</b> .....25c. and 40
<b>Bushel Crates or Baskets, 1/2 bus. peach baskets, 85 cts. per doz, \$5.50 per 100.</b>	<b>Hotbed Mats, straw, 3 x 6 ft., each</b> .....85	<b>Silkoline (green) will not fade, box (8 spoils)</b> .....1 50
<b>Butchers' Baskets—</b>	<b>Labels, Iron Age, each 20c., per doz.</b> .....2 00	<b>Tar Rope, (fodder yarn), lb.</b> .....12
No. 1.....40	<b>Labels, wooden plant, 3-in., per 1,000, 60c.; 4-in., per 1,000, 75c.; 5-in., per 1,000, \$1.15; 6-in. per 1000, \$1.35.</b>	<b>Tree Pruner, Henry's—</b>
No. 2.....50	<b>Labels, tree, wired</b> .....per 100 25	6 ft. long.....1 10
<b>Calif Weaners, Rice's</b> .....35	<b>Lawn Horse Boots, set of four</b> .....8 00	8 ft. long.....1 25
<b>Calif Weaners, leather strap</b> .....35	<b>Manure Drags, 4-tine</b> .....70	10 ft. long.....1 50
<b>Carriage Heater, Standard 14-in. triangular</b> .....2 80	<b>Mastica, per gal.</b> .....1 25	12 ft. long.....1 75
<b>Carriage Heater Carbons, per doz.</b> .....60	<b>Mastica Machines</b> .....1 25	<b>Trellis Wire, 18-inch wide, per ft. 10c., per 100 ft. \$8.</b>
<b>Celery Paper—</b>	<b>Measures, 1/2 bu. round hoop cedar</b> .....50	<b>Twine, Jute, used by truckers for bunching vegetables, lb.</b> .....14
Roll of 500 sq. ft.....1 25	Peck and half peck.....35	<b>Wagon Jacks, Eureka</b> .....1 25
<b>Cholera Cure for Hogs</b> .....50	Half and quarter peck.....25	<b>Watering Pots (Wotherspoon), Round Oval 6-quart</b> .....\$1 85
<b>Christmas Tree Holders</b> .....25	<b>Mole Trap, Out of Sight</b> .....1 25	8-quart.....2 00
<b>Cleveland Lawn Weeders</b> .....75		10-quart.....2 25
<b>Corn Planters (hand) each</b> .....2 00		12-quart.....2 60
<b>Corn Knives, Eureka</b> .....50		(Each has two copper roses.)
<b>Cotton Hose, 3/4-inch, 4-ply, per foot</b> .....14		<b>Weeders, Noye's hand (postage 10c.)</b> .....25
<b>Cyclone Seeder</b> .....1 50		Forged steel (postage 15c.).....35
		Lang's (postage 5c.).....25
		Excelsior (postage 5c.).....10
		Voder's (postage 10c.).....30
		<b>Wheelbarrows, strong garden</b> .....4 50
		boys' size.....3 00

## Poultry Remedies

**Climax Powders (Rust's).** 25 cts., 50 cts., \$1 and \$1.50 per pkg.  
**Gape Extractors (Pilling's).** 25 cts. each.  
**Germozone.** Tablets, 50 cts. per box; Liquid, 12-oz. bottle 50 cts.  
**Lice Killer.** Pratt's, per qt. 35 cts., 1/2 gal. 60 cts., per gal. \$1; Conkey's, per qt. 35 cts., 1/2 gal. 60 cts., per gal. \$1; Dr. Hess, per qt. 35 cts.  
**Lice Powder.** Pratt's, 10 and 25 cts. per can., 2 1/2 lbs. 50 cts.; Dr. Hess per lb. 25 cts., 3-lb. pkgs. 60 cts.; Holmes', 25 cts. per pkg.; Conkey's 10-ct., 25-ct. and 50-ct. pkgs.  
**Roup Cure.** Pratt's, 25c. and 50c. boxes; Cassell's, 20c. and 40c. pkgs.; Conkey's, 50c. and \$1 pkgs.

**Sulphur Candles.** Death to insects and vermin. 10c. each, 3 for 25c.  
**Tobacco Dust.** Per lb. 10 cts., 6 lbs. 25 cts., 25 lbs. \$1.  
**Tobacco Stems.** 6 lbs. 25 cts., 100-lb. bales \$2.  
**Dog Medicines, Spratt's—**Alternative Cooling Tablets, 50 cts. per box; Diarrhea and Dysentery Cure, 50 cts. per box; Distemper Tablets, 75 cts. per box; Eczema Cure, 50 cts. per box; Mange Cure, 50 cts. per box; Purgative Tablets, 50 cts. per box; Locurium Ointment, 50 cts. per box; Puppy Vermifuge Tablets, 50 cts. per box. We are headquarters for Pratt's, Hess and Conkey's remedies.  
**Rat Corn.** "Kills Rats and Mice," but does not harm either animals or persons. No odor, no smell. 25c. and 50c. boxes. **Try it.**

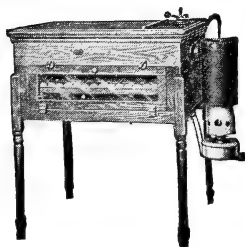
## OUR INCUBATOR DEPARTMENT

We sell the Prairie State Machines because we believe them to be the best. Every machine is guaranteed in every particular. It is furnished complete at the price quoted. We will be glad to send you a special catalogue.

No. 2, 115 eggs.....\$15 00	No. 2, 240 eggs.....\$32 50
No. 0, 100 eggs.....18 00	No. 2, 390 eggs.....38 00
No. 1, 150 eggs.....22 50	

Any make of incubator on the market will be supplied at prices lower than they can usually be bought elsewhere. If you want any other machine, please let us quote before you purchase one from any source.

Mr. E. P. WINEMILLER, of York, Pa., sends us an order and writes: "Lettuce seed received. Many thanks for package of Silver Ball replaced. It is a new experience for a seedsman to replace seed that fails to germinate, and I have bought seed for many years. I am the more grateful that it was sent without any solicitation."



The purpose of this supply department in our seed catalogue is to let our customers know that we carry these things. The few words on each are not intended as descriptions. Space is too limited to attempt to tell what a buyer would want to know. But we have as good, or a better, stock of all tools, machines, and utensils used in homes and farms as there is in central Pennsylvania, or as there is anywhere outside the largest cities. Even the largest mail-order houses do not have any more articles, and the quality and kind of supplies we carry is more practical for the purpose because we are users ourselves and know what is needed.

## HOLMES' HIGH-GRADE FERTILIZERS

PRICES SUBJECT TO  
MARKET CHANGES

**Ashes, Canadian Hardwood.** 100 lbs. \$1.50, bbl. \$2.50, ton \$20.

**Acid Phosphate (High Grade).** Fine to use in mixing with other fertilizers. In 200-lb. sacks only. Sack \$2, ton \$14.50.

**Blood (Dried).** Very rich in nitrogen. 5 lbs. 30 cts., 10 lbs. 50 cts., 25 lbs. \$1.10, 50 lbs. \$2, 100 lbs. \$3.75, 200 lbs. \$6.75.

**Blood Flour.** Contains the largest amount of nitrogen of any of bone or blood preparations. 5 lbs. 50 cts., 10 lbs. 85 cts., 25 lbs. \$1.75, 100 lbs. \$6, 200 lbs. \$11.50.

**Bone Flour (Pure).** Ground perfectly fine; excellent for pot plants or beds where an immediate effect is wanted. 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. \$1, 50 lbs. \$1.50, 100 lbs. \$2.50, bbl. of 200 lbs. \$4.50, ton, \$40.

**Bone Meal.** Strictly pure and fresh. The most substantial fertilizer for lawns and plants is Holmes' Bone Meal. It keeps on feeding the soil for fully ten months. 3-lb. bag 15 cts., 5-lb. bag 25 cts., 10 lbs. 40 cts., 25 lbs. 85 cts., 50 lbs. \$1.25, 100 lbs. \$2.25, 200-lb. sack, \$3.75, ton \$32.

**Bone.** Pure, coarse ground. Excellent fertilizer for lawns and borders, coarser than bone meal. 25 lbs. 85 cts., 50 lbs. \$1.25, 100 lbs. \$2.25, 200-lb. sack \$3.50, ton \$32.

**Bonora.** Trial package 25 ct., lb. 50 cts. (makes 28 gallons liquid), 5 lbs. \$2.50.

**Cotton Seed Meal.** 5 lbs. 25 cts., 10 lbs. 40 cts., 25 lbs. 85 cts., 50 lbs. \$1.50, 100 lbs. \$2.50, 200-lb. sack \$4, ton \$33.

**Cow Manure.** Shredded in small b ts for mulching, making liquid manure and top dressing, in 100-lb. bags only. 100 lbs. \$2.25, 500 lbs. \$10, 1,000 lbs. \$16, ton \$30.

**Dissolved Bone.** Fine for immediate results. 5 lbs. 25 cts., 10 lbs. 40 cts., 25 lbs. 85 cts., 50 lbs. \$1.25, 100 lbs. \$2.25, 200 lbs. \$3.50, ton, \$32.

**Fish Guano.** An excellent fertilizer. 5 lbs. 40 cts., 10 lbs. 60 cts., 25 lbs. \$1, 100 lbs. \$3, 200 lbs. \$5.25, ton \$47.

**Farmogren.** A nitrogen-gather-neg bacteria for legumes. Trial size 50 cts., acre size \$2. (Send for booklet.)

**Guano (Pure Peruvian).** 1½-lb. box 15 cts., 3½-lb. box 25 cts., 10 lbs. 50 cts., 25 lbs. 90 cts., 100 lbs. \$2.50, 200-lb. sack, \$4.50, ton, \$40.

**Guano (Potato, Corn and Truck).** Sharpless and Carpenter's Brand. Guaranteed analysis. Actual potash, 6 to 8 per cent; ammonia, 1½ to 2½ per cent; available phos. acid, 6 to 8 per cent; in original sacks only. Sack of 200 lbs. \$3.50, ton \$30.

**Holmes' Plant Food.** Very effective, clean and easily applied. Pkg. 15 cts., 4 pkgs. 50 cts. (by mail, 24 cts. per pkg.)

**Muriate of Potash.** Lb. 10 cts., 5 lbs. 35 cts., 10 lbs. 50 cts., 25 lbs. \$1.15, 50 lbs. \$1.75, 100 lbs. \$3, 200 lbs. \$5.50.

**Nitrate of Soda.** Should not be applied until the plants are above the ground, when 100 to 150 lbs. per acre should be sown with other fertilizers, or mixed with phosphates. Lb. 8 cts., 5 lbs. 25 cts., 10 lbs. 50 cts., 25 lbs. \$1.10, 50 lbs. \$2, 100 lbs. \$3.50, 200 lbs. \$6.50, ½ ton \$30, ton \$58.

**MAPES CELEBRATED FERTILIZERS.** Prices quoted here are F. O. B. When shipped direct from Mapes factory the price will be 30 cts. less per sack, and \$3 less per ton than prices herewith quoted. No less than 200-lb. sacks are sold, as we do not carry Mapes Fertilizers in stock.

	Sack of 200 lbs.	Ton of 2,000 lbs.
Potato Manure.....	\$4.50	\$42.00
Corn Manure.....	4 25	40 00
Cabbage and Cauliflower Manure.....	4 50	43 00
Fruit and Vine Manure.....	4 50	43 00
Grass and Grain, Spring Top Dressing.....	4 75	46 00
Complete Manure, for general use.....	4 50	42 00
Complete Manure, for heavy soils.....	4 75	45 00
Complete Manure, for light soils.....	4 85	47 00
Vegetable Manure, for all soils.....	4 85	47 00
Early Vegetable and Truck Manure.....	4 85	47 00

**Nitro Culture (Nitrogen Fixing Bacteria).** For all leguminous crops. Pkg. 25 cts. and 50 cts., pkg. for an acre \$1.50. (Send for descriptive circular.)

**Phosphate (Baugh's High Grade Ammoniated).** 5 lbs. 20 cts., 10 lbs. 35 cts., 25 lbs. 60 cts., 50 lbs. \$1, 100 lbs. \$1.75, 200 lbs. \$3, ton, \$25.

**Phosphate. Super High Grade.** Analysis: Ammonia, 4 to 6 per cent; bone phosphate, 24 per cent; available phos. acid, 6 to 8 per cent; sulph. potash, 1 to 2 per cent. It stands without a rival as the largest crop producer. Apply 400 lbs. per acre. 5 lbs. 20 cts., 10 lbs. 35 cts., 25 lbs. 60 cts., 100 lbs. \$2, 200 lbs. \$3.50, ton \$30.

**Plant Blood.** Pkg. 15 cts., 12 lbs. \$1, 25 lbs. \$1.75, 50 lbs. \$3, 100 lbs. \$5.50.

**Potato Manure (Baugh's).** 25 lbs. 75 cts., 50 lbs. \$1.10, 100 lbs. \$2, 200 lbs. \$3.50, ton \$30.

**Sulphate of Potash.** 5 lbs. 40 cts., 25 lbs. \$1.50, 100 lbs. \$4, 200 lbs. \$7.25.

**Salt (Agricultural Brand).** For top-dressing gardens or asparagus beds. Apply early in spring, at rate of 600 to 800 lbs. per acre. 10 lbs. 20 cts., 25 lbs. 30 cts., 50 lbs. 55 cts., 100 lbs. \$1, 200 lbs. \$1.50, ton \$10.

**Sheep Manure.** Pure, fresh pulverized. One of the richest general fertilizers. 2 lbs. 15 cts., 5 lbs. 25 cts., 10 lbs. 40 cts., 25 lbs. 75 cts., 50 lbs. \$1.25, 100 lbs. \$2, 500 lbs. \$9.50, ½ ton \$17, ton \$32.

**Sulphate of Ammonia.** Lb. 10 cts., 5 lbs. 35 cts., 10 lbs. 60 cts., 50 lbs. \$2.50, 100 lbs. \$4.50.

**Tankage.** 100 lbs. \$2.50, 200 lbs. \$4.25, ton \$35.

**Tobacco Stems.** Largely used for covering lawns during the winter. Lb. 5 cts., 5 lbs. 20 cts., bus. 50 cts., bbl. \$1, large bale \$2, ½ ton \$6.50, ton \$12.

**Wood Ashes (Canada Unleached Hardwood).** 5 lbs. 20 cts., 10 lbs. 35 cts., 25 lbs. 60 cts., 50 lbs. 85 cts., 100 lbs. \$1.50, bbl. \$2.50, ½ ton \$10, ton of 2,000 lbs. \$20. Apply about 1,000 lbs. to the acre.

## INSECT DESTROYERS

PRICES SUBJECT TO  
MARKET CHANGES

**Ant Exterminator.** Very effectual for destroying ants in gardens and lawns. ¼lb. 20 cts., ½lb. 40 cts., lb. 75 cts.

**Aphis Punk.** Kills aphis and thrip very effectively. Pkg. 60 cts., 12 pkgs. \$6.50.

**Arsenate of Lead (Swift's).** For spraying trees and shrubbery against attacks of leaf beetles. Lb. 25 cts., 5 lbs. 90 cts., 10 lbs. \$1.70, 50 lbs. \$8, 100 lbs. \$15.

**Boxal.** For spraying potatoes and vegetable plants. 5 lbs. \$1, 10 lbs. \$1.75, 25 lbs. \$4, 100 lbs. \$15.

**Bordeaux Mixture.** For black rot, downy mildew, and anthracnose of grape, potato blight, potato rot, leaf blight of cherry, pear, quince and other fungous diseases. Lb. box 20 cts., 5 lbs. 75 cts., makes 25 gallons spray, 10 lbs. \$1.25, makes 50 gallons spray, 25-lb. box \$3 makes 125 gallons.

**Bordeaux Mixture.** In paste form. Qt. 40 cts., gal. \$1.

**Bug Death.** Now largely used instead of Paris Green; more safe, just as effectual, and acts as a fertilizer as well as an insecticide. Lb. 15 cts., 3 lbs. 35 cts., 5 lbs. 50 cts., 12½ lbs. \$1, 100 lbs. \$7.50. (Special Shaker, 25 cts.)

**Cattle Comfort.** For ridding cattle and horses of flies. Qt. 45 cts., gal. \$1.15.

**Cow Ease.** The finest article for affording comfort to cattle. They will yield more milk and remain in better condition. Qt. 35 cts., gal. \$1, 5 gals. \$4.

**Fir Tree Oil.** For destroying insects, such as mealy bug, red spider, scale, thrip, green fly, etc. Full directions with each can. ½pt. 50c., pt. 75 cts., qt. \$1.50, ½ gal. \$2.75, gal. \$5.

**Fir Tree Oil Soap.** ½lb. 25 cts., 2 lbs. 75 cts.

**Hellebore.** For destroying rose slugs. ¼lb. 10 cts., ½lb. 15 cts., lb. 25 cts., 5 lbs. \$1, 10 lbs. \$1.85.

**Kerosene Emulsion.** Paste. For plant lice of any kind. Lb. 20 cts., 5-lb. can makes 50 gallons spray 60 cts., 25 lb.-can \$2.50.

**Kerosene Emulsion.** Liquid. Qt. 40 cts., gal. \$1.

**Kil-o-Scale.** Pt. 30 cts., qt. 50 cts., ½gal. 75 cts., gal. \$1.25, 5 gal. \$5, 25 gals. \$21.25, 50 gals. 42.50.

**Lemon Oil.** Will destroy mealy bug, scale, thrip, red spider, etc. ½pt. 25 cts., pt. 40 cts., qt. 75 cts., ½gal. \$1.25, gal. \$2, 5 gals. \$9. Dilute one part to 30 of water.

**Lime Sulphur Solution.** For San José Scale. Gal. dilutes to 15 gals. of water. Gal. \$1, 5-gal. can \$2.25, 10 gals. \$3.75; half-bbl., about 30 gal., 25 cts. per gal.; bbl., about 50 gal., 20 cts. per gal.

**Nicotide.** A powerful insecticide for vaporizing. ¼pt. 70 cts., ½pt. \$1.25, pt. \$2.50, qt. \$4.50. Lamps, each 50 cts.

**Nico Fume.** Liquid. For spraying and vaporizing. ¼pt. 50 cts., pt. \$1.50, ½ gal. \$5.50, gal. \$10.50.

**Nico Fume.** An improvement on Aphis Punk; elegant reports from florists who have used it. Positive death to red spider and aphis. Put up in air-tight metal packages. Box 75 cts., 144 sheets \$3.50, 288 sheets \$6.50.

**Nikoteen.** For spraying and vaporizing. Pt. \$1.50, 10 pts. \$14.

**Paris Green.** Pure. ¼lb. 15 cts., ½lb. 25 cts., lb. 40 cts., 5 lbs. \$1.90, 14 lbs. \$5.

**Rose Leaf Extract of Tobacco.** Pt. 30 cts., qt. 50 cts., gal. \$1.25, 5 gals. \$4.25.



## INSECT DESTROYERS, continued

**Shoo Fly.** Keeps the flies from cattle and horses. Qt. 35 cts., gal. \$1.  
**Slug Shot.** Canister with perforated top, 15 cts., 5 lbs. 25 cts., 10 lbs. 50 cts., 25 lbs. \$1.20, 50 lbs. \$2.25, 100 lbs. \$4.25. Full barrel lots, about 250 lbs. (lb. 3¾ cts., F. O. B. factory), lb. 4 cts., F. O. B. Harrisburg.  
**Sulphur.** A preventive and cure for mildew. Lb. 7 cts., 5 lbs. 30 cts., 25 lbs. \$1.25, 100 lbs. \$4.  
**Scale Destroyer (Target Brand).** Qt. 35 cts., ½gal. 65 cts., gal. \$1, 5 gals. \$3.75, 25 gals. \$13.75, 50 gals. \$25.  
**Sulphate of Copper.** For spraying. Lb. 12 cts., 10 lbs. \$1, 25 lbs. \$2.25, 100 lbs. \$8.  
**Sulpho Naphthol.** A germicide and insecticide. Oz. bottle 10 cts., 3-oz. bottle 25 cts., 8-oz. bottle 50 cts.  
**Sulpho Tobacco Soap.** 4-oz. pkg. 10 cts., 8-oz. pkg. 20 cts.  
**Tobacco Dust.** Cheaper than snuff and quite as effectual. Lb. 10 cts., 10 lbs. 45 cts., 25 lbs. \$1, 100 lbs. \$3.50.  
**Tobacco Dust (Stoothoffs).** For burning or dusting; state which is wanted. 5 lbs. 35 cts., 10 lbs. 60 cts., 25 lbs. \$1.25, 50 lbs. \$2, 100 lbs. \$3.50.  
**Tobacco Soap.** For destroying insects, parasites and their eggs infesting either plants or animals. ½lb. 20 cts., lb. 40 cts.  
**Tobacco Stems, Fresh.** ½ ton, \$6.50, ton \$12.

**Tobakine Fumigating Paper.** Pkg. 75 cts., doz. \$6.50.

**Tobakine Fumigating Liquid.** ¼pt. 60 cts., ½pt. \$1.10, pt. \$2, ½gal. \$7.75, gal. \$15.

**Whale or Fish Oil Soap.** Regular hard grade. With directions. ½lb. 10 cts., lb. 20 cts., 5 lbs. 50 cts., 10 lbs. 90 cts., 25 lbs. \$1.75, 100 lbs. \$6.50.

**Whale Oil Soap.** Caustic soft soap. Lb. 20 cts., 5 lbs. 75 cts., 25 lbs. \$1.75, 50 lbs. \$3.25, 100 lbs. \$5. Barrels of about 425 lbs. \$17.

**Weed Killer.** Killing weeds in walks and drives. Gal. \$1, 5 gals. \$4, 10 gals. \$7.50.

**Worm Eradicator.** For removing worms from greenhouses, lawns, flower-pots, without injury to the most delicate plants. Bottles 50 cts. and \$1.

**Wilson's Plant Oil.** For scale and insects on house plants. ½pt. 25 cts., pt. 40 cts., qt. 75 cts., ½gal. \$1.25, gal. \$2, 5 gals. \$9.

## TREE TANGLEFOOT

A modern remedy and preventive for preventing caterpillars, worms and other crawling insects from climbing trees. Made by the manufacturers of Tanglefoot Fly Paper, which will cause it to be recognized as thoroughly good. One application in the form of a painted ring on the tree will last for months; will not injure the tree, nor is it hardly perceptible. Lb. 25 cts., 4 lbs. 95 cts., 10 lbs. \$2.25.

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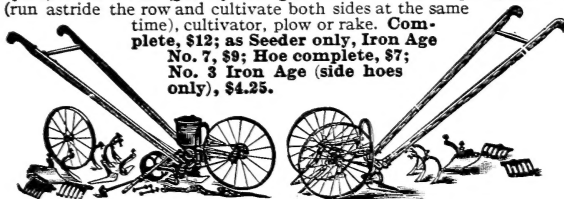
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# IRON AGE FARM AND GARDEN TOOLS



**NO. 19 WHEEL-PLOW AND CULTIVATOR**—The wheel is made of steel, 24 inches high, and is very strong. The tire is 1 inch in width. The frame is made of steel throughout, which insures durability and lightness. The handles are made of best oak, and are nicely finished. The working tools consist of a plow, rake, scuffle hoe and two cultivator teeth. **Price, \$3.25. Weight, packed 22 pounds.**

**NO. 6 COMBINED DOUBLE AND SINGLE WHEEL-HOE, HILL AND DRILL SEEDER**—Sows all kinds of seed, from celery to beans, with the greatest regularity in hills 4, 6, 8, 12 and 24 inches apart, or in drills. Quickly changed to double or single wheel-hoe (run astride the row and cultivate both sides at the same time), cultivator, plow or rake. **Complete, \$12; as Seeder only, Iron Age No. 7, \$9; Hoe complete, \$7; No. 3 Iron Age (side hoes only), \$4.25.**

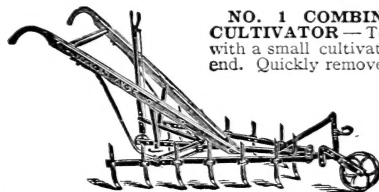


**NO. 20 SINGLE WHEEL HOE**—Perfect single wheel tool. Plows, rakes, cultivates and hoes. Hill and drill seeder attachments may be added. **Price, No. 20 complete, \$6; No. 21 (side hoes only), \$4.**

**NO. 18 DRILL SEEDER**—Iron Age Drill Seeder, will sow all kinds of seeds in drills or continuous rows and is a low-priced tool. Plow, cultivator teeth, rakes and hoes, etc., may be added. **Price, \$7.50.**

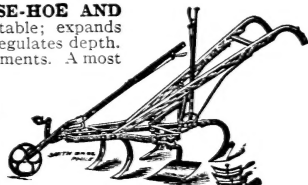
**NO. 12 WHEEL-PLOW AND CULTIVATOR**—Remarkable for its exceeding lightness and great strength. Will do all the cultivation of a kitchen garden. Plows, furrows, covers, hoes, rakes and cultivates. **Price complete, \$3.50; plow only, \$2.50.**

**NO. 25 IRON AGE SINGLE-WHEEL FERTILIZER DISTRIBUTOR**—Fertilizer may be sown across the bottom of furrow or on either side, or the tool may be used for side-dressing growing crops. Light, and strongly built. **Price, \$8.** The Iron Age Fertilizer Attachment, with all necessary parts (**price, \$4.50, separately**), may be applied to most Iron Age tools. Seeder attachment may be applied.



**NO. 1 COMBINED HARROW AND CULTIVATOR**—Teeth diamond-shaped, with a small cultivator tooth forged on one end. Quickly removed. Thoroughly pulverizes the soil, but throws very little. **Price, complete with lever expander and plain wheel, \$5.25; plain (without wheel and lever expander), \$4.**

**NO. 6 COMBINED HORSE-HOE AND CULTIVATOR**—Lever adjustable; expands from 14 to 30 inches. Wheel regulates depth. Side hoes have numerous adjustments. A most satisfactory and popular implement. **Price, complete as in out, \$6.50; with plain wheel and without lever expander, \$5.25.**



**CELERY HILLERS**—Leaf lifters adjustable in height, and are especially valuable for first workings. Hill celery without handling. Equipped with lever expanders, leaf lifters, and lever wheel. Hilling blades 43 inches long, and adjustable in width and height; works rows up to 4 feet apart. **Double, packed, weight, 85 pounds.**

**IRON AGE COMBINED BARREL TRUCK, HAND CART, LEAF RACK, ETC.**—Barrel Truck, without barrel, but including one pair of trunions, wheels 1½ inches. **\$7.** Barrel, with trunion, **\$3.40.** Hand Cart Box for truck, **\$3.25.** Leaf Rack for truck, **\$5.50.**



**NO. 1 IRON AGE HORSE-HOE AND CULTIVATOR**—Plain, simplest form, **\$3.50.** Wheel, lever expander, horse-hoes and sweeps, furnished with this tool, as shown on No. 6.

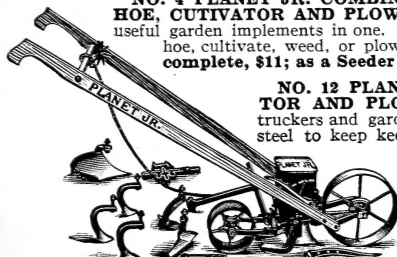
**LANDSIDE PLOW**—Plow and connections, **90 cts.** Landside Plow follows in line with single wheel, a perfect wheel-plow. Can be used with two wheels, but is much more manageable with one.

**DOUBLE MOLD-BOARD PLOW**—May be applied to any and all of our wheel-hoes and combined tools. Has adjustable wings to suit opening furrows of various widths. For narrow work the wings can be removed altogether. **Price, \$1.40.**

## PLANET JR. TOOLS—Get Largest Crops with Least Work

**NO. 3 PLANET JR. SEEDER** has special force-feed for reliable hill dropping at 4, 6, 8, 12 or 24 inches, or accurate drill sowing, as desired. The opening and covering arrangements are unequaled. We can supply a special opening plow for sowing onion seed for sets. **Price, \$10.50.** Fifteen-inch steel driving wheel. Holds 3 quarts of seed.

**NO. 4 PLANET JR. COMBINED HILL AND DRILL SEEDER, WHEEL-HOE, CULTIVATOR AND PLOW**, saves time, labor, seed and money. Almost all useful garden implements in one. Adjustable in a minute to sow all garden seeds, hoe, cultivate, weed, or plow. Pays quickly, even in small gardens. **Price, complete, \$11; as a Seeder only, \$9.** Holds 2½ quarts of seed.



No. 4 Planet Jr. Combined Hill and Drill Seeder

**NO. 12 PLANET JR. DOUBLE WHEEL-HOE, CULTIVATOR AND PLOW** is the handiest implement ever made for truckers and gardeners. All cultivating parts are of high-carbon steel to keep keen edge. Specially designed to work extremely close to plants without injury. Does away with hand-weeding. Come and see them. **Price, \$7.**

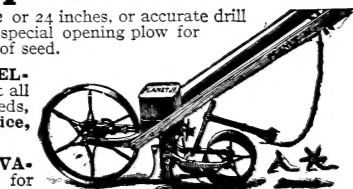


Planet Jr. No. 12 Double Wheel-Hoe

**NO. 16 PLANET JR. SINGLE WHEEL-HOE** is a most handy and effective tool for garden cultivation. A fine tool for working close to crops. **Price, \$5.85.**

**NO. 17 SINGLE WHEEL-HOE**, the same as No. 16, but without the rakes. **Price, \$5.** The most popular wheel-hoe on the market. It is light, strong, and with it you can do the work of from four to six men with hand hoes, and do it easier and better. A favorite among market-gardeners.

**NO. 8 HORSE-HOE AND CULTIVATOR** will do more things in more ways than any other horse-hoe made. Plows to or from the row. A splendid furrower, coverer, hiller, and horse-hoe. Unequaled as a cultivator. **Price, \$9; weight, packed, 82 lbs.**



No. 3 Planet Jr. Hill and Drill Seeder



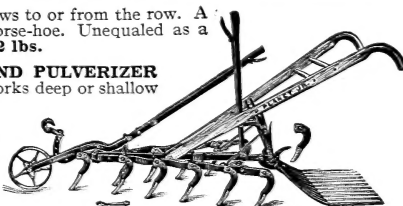
No. 8 Planet Jr. Horse-Hoe and Cultivator

**PLANET JR. 12-TOOTH HARROW, CULTIVATOR AND PULVERIZER** is a wonderful tool for berry-growers and market-gardeners. Works deep or shallow without throwing earth on the plants, and pulverizes the soil thoroughly. Invaluable wherever fine, close work is needed. **Complete, \$9; weight, packed 74 lbs.; without pulverizer, \$7.40; plain, \$6.20.**


The 1911 illustrated Planet Jr. catalogue is of great value to every tiller of the soil, whether he needs implements or not. It is free. Write today.



No. 16 Planet Jr. Single Wheel-Hoe



Planet Jr. 12-Tooth Harrow



# HOLMES'

1911

## Handbook of SEEDS



HOLMES SEED  
COMPANY

9 N. MARKET SQUARE  
HARRISBURG  
PENNSYLVANIA

HOLMES'  
SUPERFINE SWEET PEAS  
SEE PAGE 44



HOLMES'  
SELECT ASTERS SEE PAGE 39



HOLMES' CAPITOL PARK LAWN SEED  
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